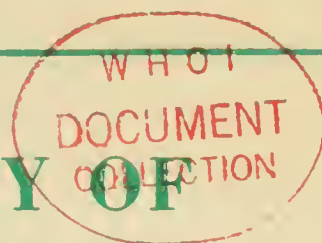


U.S. Coast Guard Oceanographic Report CG-373-73
DEPARTMENT OF TRANSPORTATION



COAST GUARD



**OCEANOGRAPHY OF
THE GRAND BANKS REGION
OF
NEWFOUNDLAND IN 1973**



OCEANOGRAPHIC REPORT No. CG 373-73



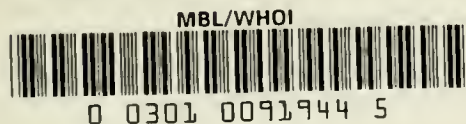
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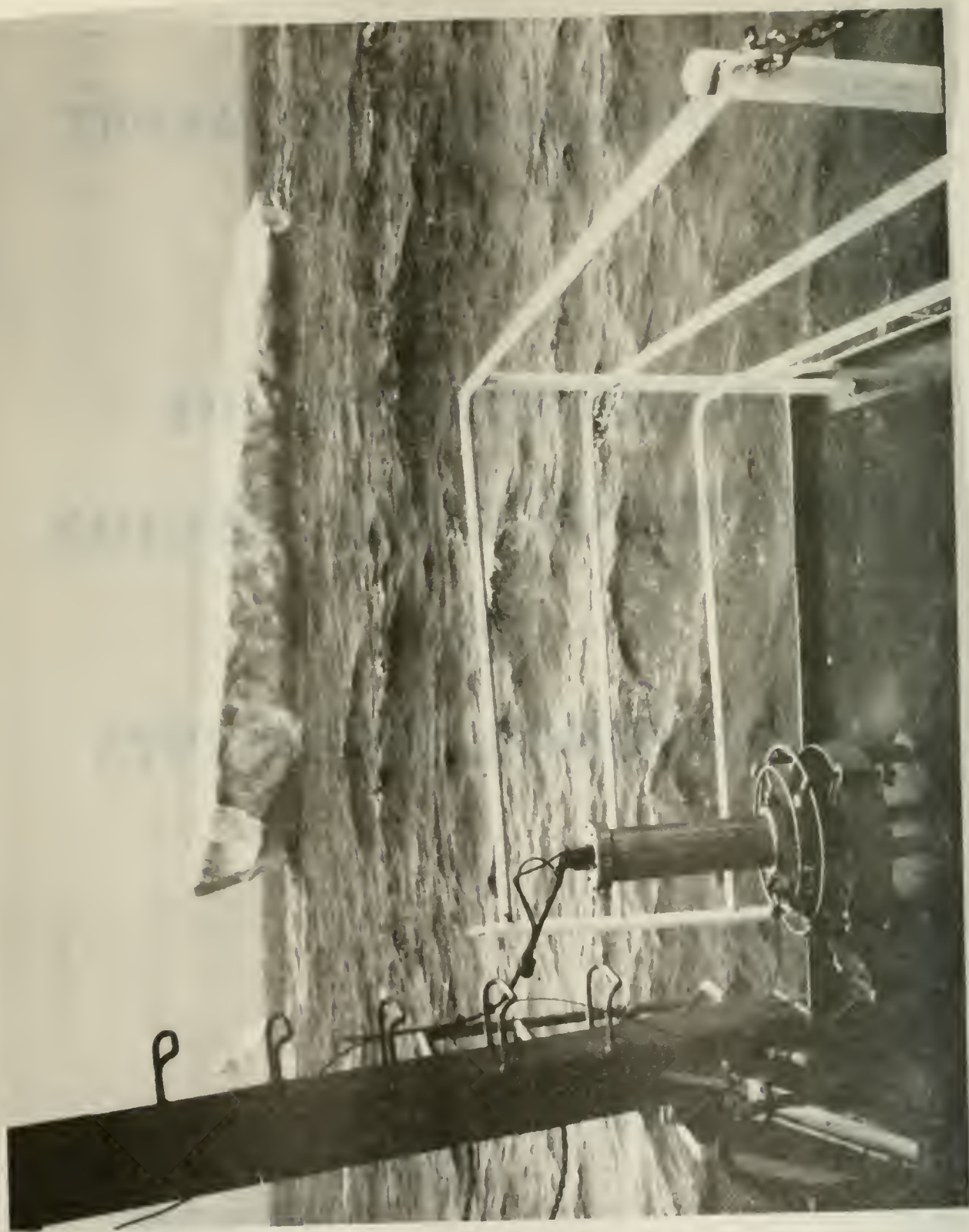
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March 1978

United States Coast Guard
Oceanographic Unit
Washington, D.C.



ABSTRACT

Three Ice Patrol cruises from April to July 1973 were conducted to the Grand Banks to determine sea surface currents for input to a computer model for the prediction of iceberg drift. During a three week period in June-July three Intensive Dynamic Surveys were performed in an approximately 1° latitude square within the Ice Patrol survey area to provide data sets to test a developmental numerical model for predicting dynamic changes of the Labrador Current on the eastern slope of the Grand Banks. Analysis of the sea surface geostrophy and the water mass properties revealed that the North Atlantic Current was to be found approximately 74 km farther north than its usual position and by impinging on the Tail-of-the-Bank forced a portion of the Labrador Current up onto the Bank. The May cruise data disclosed the formation of a large cyclonic meander in the North Atlantic Current, which was believed to produce the cyclonic ring found to the south in the warm water gradient of the North Atlantic Current. This may be a mechanism for transporting icebergs across the North Atlantic Current and would account for the occasional sightings of icebergs southeast of the warm current. Near bottom direct current measurements made on the eastern slope of the Grand Banks had mean speeds of 2.0 cm s^{-1} in April-May and 5.3 cm s^{-1} in May-June, and the direction was mainly southwest. The only identifiable periodic component was the lunar semidiurnal tide which was intermittently detected. Comparison of the direct current measurements with the geostrophic determination of the current at the current meter depth indicates that the geostrophic method underestimates the current by 10% to 30% most probably attributable to some residual baroclinic flow at the assumed "level of no motion" (1000 decibars). Geostrophic current and volume transport analysis of the Intensive Dynamic Surveys demonstrated that the present method for computing dynamic heights in water shallower than the reference level, by extending temperature and salinity contours horizontally into the slope, may introduce an erroneously large cross slope flow by carrying the slope of the between sections isosteric surfaces into the Bank where intuition dictates that these surfaces be parallel to a zero geopotential surface. A method for estimating and correcting this error in the operational use of geostrophic currents is given. A detailed comparison of the volume transports from the Intensive Dynamic Surveys revealed a period when the transport of the Labrador Current and North Atlantic Current increased simultaneously, forcing a portion of the Labrador Current up onto the Grand Bank. The progression of the crest of a North Atlantic Current meander through the Dynamic Survey area is believed to be the source of the observed variations in volume transports.

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TABLE OF CONTENTS

	<i>Page</i>
Title Page	i
Abstract	iii
Table of Contents	v
List of Illustrations	v
List of Tables	x
Introduction	1
Instrumentation and Methods	2
STD/DDL System	2
STD Quality Control	2
Dynamic Calculations in Shallow Water	3
Current Meter Data Processing	3
Navigation	3
Labrador Current	4
Circulation East of the Grand Banks	5
First Cruise (7-21 April 1973)	5
Second Cruise (18-24 May 1973)	5
Third Cruise (13 June-14 July 1973)	6
Direct Current Measurements	7
Intensive Dynamic Surveys	9
The Intensive Surveys: Volume Flow Analysis	12
Comparison of the First and Second Intensive Survey	12
Comparison of the Second and Third Intensive Survey	13
Conclusions	14
Summary	15
Acknowledgements	15
References	16
Illustrations	17
Appendix A—Oceanographic Data	94

LIST OF ILLUSTRATIONS

<i>Figure</i>	<i>Page</i>
1. International Ice Patrol Sections	17
2. Sea surface dynamic topography 3-22 April 1973	18
3. April monthly normal dynamic topography of the sea surface	18
4. Sea surface dynamic topography 8-28 May 1973	19
5. Sea surface dynamic topography 13 June-14 July 1973	20
6. Sea surface dynamic topography, Intensive Dynamic Survey I, 17-22 June 1973	20
	v

<i>Figure</i>	<i>Page</i>
7. Sea surface dynamic topography, Intensive Dynamic Survey II, 26-29 June 1973 -----	21
8. Sea surface dynamic topography, Intensive Dynamic Survey III, 4-7 July 1973 -----	21
9. Sea surface dynamic topography 9-19 June 1964 -----	22
10. Diagram of the method for computing surface currents normal to the continental slope -----	23
11. Net volume transport ($10^6 \text{ m}^3 \text{ s}^{-1}$) through the perimeter sections "A," "B," "C", and "D" versus Survey during Intensive Dynamic Surveys I-III, 1973 -----	24
12. Volume transport ($10^6 \text{ m}^3 \text{ s}^{-1}$) differentiated by water property type and direction of flow versus Survey from the Intensive Dynamic Surveys I-III, 1973 -----	25
13. Vertical temperature ($^{\circ}\text{C}$) section A4, occupied by CGC EVERGREEN, 7-8 April 1973 -----	26
14. Vertical salinity ($^{\circ}/_{\infty}$) section A4, occupied by CGC EVERGREEN, 7-8 April 1973 -----	26
15. Vertical temperature ($^{\circ}\text{C}$) section A3B MOD, occupied by CGC EVERGREEN, 9-10 April 1973 -----	27
16. Vertical salinity ($^{\circ}/_{\infty}$) section A3B MOD, occupied by CGC EVERGREEN, 9-10 April 1973 -----	27
17. Vertical temperature ($^{\circ}\text{C}$) section A3A, occupied by CGC EVERGREEN, 10-11 April 1973 -----	28
18. Vertical salinity ($^{\circ}/_{\infty}$) section A3A, occupied by CGC EVERGREEN, 10-11 April 1973 -----	28
19. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 11-12 April 1973 -----	29
20. Vertical salinity ($^{\circ}/_{\infty}$) section A3, occupied by CGC EVERGREEN, 11-12 April 1973 -----	29
21. Vertical temperature ($^{\circ}\text{C}$) section A2B, occupied by CGC EVERGREEN, 19-20 April 1973 -----	30
22. Vertical salinity ($^{\circ}/_{\infty}$) section A2B, occupied by CGC EVERGREEN, 19-20 April 1973 -----	30
23. Vertical temperature ($^{\circ}\text{C}$) section A2A, occupied by CGC EVERGREEN, 20-21 April 1973 -----	31
24. Vertical salinity ($^{\circ}/_{\infty}$) section A2A, occupied by CGC EVERGREEN, 20-21 April 1973 -----	31
25. Vertical temperature ($^{\circ}\text{C}$) section A2 MOD, occupied by CGC EVERGREEN, 21 April 1973 -----	32
26. Vertical salinity ($^{\circ}/_{\infty}$) section A2 MOD, occupied by CGC EVERGREEN, 21 April 1973 -----	32
27. Vertical temperature ($^{\circ}\text{C}$) section A4, occupied by CGC EVERGREEN, 12-13 May 1973 -----	33
28. Vertical salinity ($^{\circ}/_{\infty}$) section A4, occupied by CGC EVERGREEN, 12-13 May 1973 -----	33
29. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 13-14 May 1973 -----	34

<i>Figure</i>	<i>Page</i>
30. Vertical salinity (‰) section A3, occupied by CGC EVERGREEN, 13-14 May 1973 -----	34
31. Vertical temperature (°C) section A2B, occupied by CGC EVERGREEN, 18-19 May 1973 -----	35
32. Vertical salinity (‰) section A2B, occupied by CGC EVERGREEN, 18-19 May 1973 -----	35
33. Vertical temperature (°C) section A3, occupied by CGC EVERGREEN, 19-21 May 1973 -----	36
34. Vertical salinity (‰) section A3, occupied by CGC EVERGREEN, 19-21 May 1973 -----	36
35. Vertical temperature (°C) section A3A, occupied by CGC EVERGREEN, 21-22 May 1973 -----	37
36. Vertical salinity (‰) section A3A, occupied by CGC EVERGREEN, 21-22 May 1973 -----	37
37. Vertical temperature (°C) section A3B MOD, occupied by CGC EVERGREEN, 22-23 May 1973 -----	38
38. Vertical salinity (‰) section A3B MOD, occupied by CGC EVERGREEN, 22-23 May 1973 -----	38
39. Vertical temperature (°C) section A3C, occupied by CGC EVERGREEN, 23-24 May 1973 -----	39
40. Vertical salinity (‰) section A3C, occupied by CGC EVERGREEN, 23-24 May 1973 -----	39
41. Vertical temperature (°C) section A4, occupied by CGC EVERGREEN, 24-25 May 1973 -----	40
42. Vertical salinity (‰) section A4, occupied by CGC EVERGREEN, 24-25 May 1973 -----	40
43. Vertical temperature (°C) section 1, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 17-18 June 1973 -----	41
44. Vertical salinity (‰) section 1, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 17-18 June 1973 -----	42
45. Vertical temperature (°C) section 2, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 18-19 June 1973 -----	43
46. Vertical salinity (‰) section 2, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 18-19 June 1973 -----	43
47. Vertical temperature (°C) section 3, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 19-20 June 1973 -----	44
48. Vertical salinity (‰) section 3, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 19-20 June 1973 -----	45
49. Vertical temperature (°C) section 4, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 20-21 June 1973 -----	46
50. Vertical salinity (‰) section 4, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 20-21 June 1973 -----	47
51. Vertical temperature (°C) section 5, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21 June 1973 -----	48
52. Vertical salinity (‰) section 5, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21 June 1973 -----	49

<i>Figure</i>	<i>Page</i>
53. Vertical temperature ($^{\circ}\text{C}$) section 6, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21–22 June 1973 -----	50
54. Vertical salinity ($^{\circ}/_{\infty}$) section 6, Intensive Dynamic Survey I, occupied by CGC EVERGREEN 21–22 June 1973 -----	51
55. Vertical temperature ($^{\circ}\text{C}$) section 1, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 26–27 June 1973 -----	52
56. Vertical salinity ($^{\circ}/_{\infty}$) section 1, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 26–27 June 1973 -----	53
57. Vertical temperature ($^{\circ}\text{C}$) section 2, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27 June 1973 -----	54
58. Vertical salinity ($^{\circ}/_{\infty}$) section 2, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27 June 1973 -----	55
59. Vertical temperature ($^{\circ}\text{C}$) section 3, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27–28 June 1973 -----	56
60. Vertical salinity ($^{\circ}/_{\infty}$) section 3, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27–28 June 1973 -----	57
61. Vertical temperature ($^{\circ}\text{C}$) section 4, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28 June 1973 -----	58
62. Vertical salinity ($^{\circ}/_{\infty}$) section 4, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28 June 1973 -----	59
63. Vertical temperature ($^{\circ}\text{C}$) section 5, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28–29 June 1973 -----	60
64. Vertical salinity ($^{\circ}/_{\infty}$) section 5, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28–29 June 1973 -----	61
65. Vertical temperature ($^{\circ}\text{C}$) section 6, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 29 June 1973 -----	62
66. Vertical salinity ($^{\circ}/_{\infty}$) section 6, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 29 June 1973 -----	63
67. Vertical temperature ($^{\circ}\text{C}$) section A2 MOD, occupied by CGC EVERGREEN, 1–2 July 1973 -----	64
68. Vertical salinity ($^{\circ}/_{\infty}$) section A2 MOD, occupied by CGC EVERGREEN, 1–2 July 1973 -----	64
69. Vertical temperature ($^{\circ}\text{C}$) section A2B, occupied by CGC EVERGREEN, 2–3 July 1973 -----	65
70. Vertical salinity ($^{\circ}/_{\infty}$) section A2B, occupied by CGC EVERGREEN, 2–3 July 1973 -----	65
71. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 3–4 July 1973 -----	66
72. Vertical salinity ($^{\circ}/_{\infty}$) section A3, occupied by CGC EVERGREEN, 3–4 July 1973 -----	66
73. Vertical temperature ($^{\circ}\text{C}$) section 1, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4 July 1973 -----	67
74. Vertical salinity ($^{\circ}/_{\infty}$) section 1, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4 July 1973 -----	68
75. Vertical temperature ($^{\circ}\text{C}$) section 2, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4–5 July 1973 -----	69

<i>Figure</i>	<i>Page</i>
76. Vertical salinity (‰) section 2, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4-5 July 1973 -----	70
77. Vertical temperature (°C) section 3, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 5-6 July 1973 -----	71
78. Vertical salinity (‰) section 3, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 5-6 July 1973 -----	72
79. Vertical temperature (°C) section 4, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6 July 1973 -----	73
80. Vertical salinity (‰) section 4, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6 July 1973 -----	74
81. Vertical temperature (°C) section 5, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6-7 July 1973 -----	75
82. Vertical salinity (‰) section 5, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6-7 July 1973 -----	76
83. Vertical temperature (°C) section 6, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 7 July 1973 -----	77
84. Vertical salinity (‰) section 6, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 7 July 1973 -----	78
85. Vertical temperature (°C) section, standard section A4-27, occupied by CGC CAMPBELL, 29 January-2 February 1973 -----	79
86. Vertical salinity (‰) section, standard section A4-27, occupied by CGC CAMPBELL, 29 January-2 February 1973 -----	80
87. Vertical temperature (°C) section, standard section A3-60, occupied by CGC OWASCO, 9-12 March 1973 -----	81
88. Vertical salinity (‰) section, standard section A3-60, occupied by CGC OWASCO, 9-12 March 1973 -----	82
89. Vertical temperature (°C) section, standard section A4-28, occupied by CGC BOUTWELL, 12-18 June 1973 -----	83
90. Vertical salinity (‰) section, standard section A4-28, occupied by CGC BOUTWELL, 12-18 June 1973 -----	84
91. Vertical temperature (°C) section, standard section A3-61, occupied by CGC MORGENTHAU, 18-25 July 1973 -----	85
92. Vertical salinity (‰) section, standard section A3-61, occupied by CGC MORGENTHAU, 18-25 July 1973 -----	86
93. Vertical temperature (°C) section, standard section A2-57, occupied by CGC INGHAM 9-16 August 1973 -----	87
94. Vertical salinity (‰) section, standard section A2-57, occupied by CGC INGHAM, 9-16 August 1973 -----	88
95. Vertical temperature (°C) section, standard section A1-10, occupied by CGC MENDOTA, 10-16 August 1973 -----	89
96. Vertical salinity (‰) section, standard section A1-10, occupied by CGC MENDOTA, 10-16 August 1973 -----	90
97. Vertical temperature (°C) section, standard section A3-62, occupied by CGC DALLAS, 29 November-1 December 1973 -----	91

<i>Figure</i>	<i>Page</i>
98. Vertical salinity ($^{\circ}/_{\infty}$) section, standard section A3-62, occupied by CGC DALLAS, 29 November-1 December 1973 -----	91
99. Vertical temperature ($^{\circ}\text{C}$) section, standard section A4-29, occupied by CGC HAMILTON, 30 November-2 December 1973 -----	92
100. Vertical salinity ($^{\circ}/_{\infty}$) section, standard section A4-29, occupied by CGC HAMILTON, 30 November-2 December 1973 -----	93

LIST OF TABLES

<i>Tables</i>	<i>Page</i>
1. Summary of oceanographic stations -----	2
2. Summary of current meter deployments -----	3
3. Intensive Dynamic Surveys -----	9
4. Comparison of the 1973 Intensive Dynamic Surveys calculated volume transports for section "D" -----	10

OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND IN 1973

By

**Richard M. Hayes
Robert Q. Robe¹**

INTRODUCTION

Three oceanographic cruises were conducted aboard USCGC EVERGREEN (WAGO 295) during the 1973 Ice Patrol season. The 1973 Ice Patrols were especially eventful because these cruises were the first deployments for the USCGC EVERGREEN after extensive refitting to improve habitability and to expand and modernize the oceanographic working spaces and gear. The cruises were undertaken to support Commander, International Ice Patrol and were intended for use in computer predictions of iceberg drift on the Grand Banks of Newfoundland (Table 1). In addition to the occupation of hydrographic stations along Ice Patrol standard sections (fig. 1), three Intensive Dynamic Surveys were conducted during the third cruise for the verification of a mathematical model of the Labrador Current when in the vicinity of the Grand Banks (Kollmeyer, 1975). Two near-bottom current meter moorings were deployed in two separate locations during two different periods along the

continental slope for an investigation of temporal variations in the Labrador Current at depth (Table 2).

The 1973 International Ice Patrol season which extended from 24 January to 31 July was equal in length to the longest season (1972) in the Ice Patrol's 60-year history. The number of icebergs sighted south of 48°N latitude during 1973, 847, was exceeded only five times previously in Ice Patrol records. For the second consecutive year, a surface patrol was required, and cutters were deployed from 17 March to 10 July to search for and standby the southeasternmost icebergs in the Grand Banks region.

In addition to the Ice Patrol data contained herein, eight Standard Sections (A2, A3, and A4) occupied from January through November of 1973 (see Appendix A.) are included in the data listings.

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INSTRUMENTATION AND METHODS

STD/DDL System

The sampling instrument used on 301 stations was a Plessey Environmental Systems, Model 9040, S/T/D Environmental Profiling System (STD). For four stations where the STD system was not operational, Nansen bottle casts with deep sea reversing thermometers were taken. The FM signals received from the STD were digitized by a Sonycraft, Inc. (Chicago, Illinois) digital data logger (DDL) and recorded on computer compatible 7-channel magnetic tape by a Kennedy Co. Incremental 1600R tape recorder (Altadena, Calif.). For the general description of the DDL recording and processing scheme for similar equipment see Rosebrook (1971); the procedures followed during the 1973 Ice Patrol were essentially the same in form and content. The salient differences may be found in Morgan, Bishop, and Mulher (1976).

STD Quality Control

Nansen bottle salinity samples and deep sea reversing thermometers were compared with the STD values for temperature and salinity at maximum cast depth for all stations taken in water depth greater than 1000 m. The Nansen-STD differences were plotted as a function of time (i.e., for each station which had quality control data) for the determination of temporal variation. Values that showed small random variations with time were averaged, and this average was applied as a constant correction to the STD/DDL data from the surface to maximum sampling depth. The quality control corrections had the following absolute value ranges: temperature, 0.00°C to 0.05°C and salinity, 0.04‰ to 0.08‰.

The salinity of the quality control samples was determined by an inductive laboratory salinometer. Conductivity ratios from the salinometer

were converted to salinity utilizing the method established in the International Oceanographic Tables published by UNESCO and the National Institute of Oceanography Great Britain (1966).

TABLE 1

Summary of Oceanographic Stations

Ice Patrol Cruise 1-73:

Dates: 3-22 April 1973

Sections: A4, A3B MOD, A3A, A3, A2B, A2A and A2 MOD

IIP Station Nos: 11186-11248

Total No. of Stations: 63

Ice Patrol Cruise 2-73:

Dates: 8-28 May 1973

Sections: A4 (Twice), A3C, A3B MOD, A3A, A3 (Twice), and A2B

IIP Station Nos: 11249-11329

Total No. of Stations: 81

Ice Patrol Cruise 3-73:

Standard Ice Patrol Sections

Dates: 13 June-14 July 1973

Sections: A2 MOD, A2B, and A3

IIP Station Nos: 11419-11449

Total No. of Stations: 31

Intensive Dynamic Surveys

Dates: (I) 17-22 June, (II) 26-29 June, and (III) 4-7 July

IIP Station Nos: (I) 11330-11375, (II) 11376-11418, and (III) 11450-11490

Total No. of Stations: 130

TABLE 2

*Summary of Current Meter Deployments***Current Meter Mooring No. 1**

Date/Time Established: 13 1530Z April 1973

Retrieved: 14 2215Z May 1973

Position: 44°12.9'N Lat.
48°52.3'W Long.

Depth to Bottom: 923 Meters

Depth of Current Meter: 879 Meters

Current Meter Model/Serial No.
EG&G 850/301

Recording Rate: 15 Samples/15 Min.

Record Length: 31.06 Days

Current Meter Mooring No. 2

Date/Time Established: 18 1632Z May 1973

Retrieved: 30 1300Z June 1973

Position: 45°33.1'N Lat.
48°15.9'W Long.

Depth of Bottom: 987 Meters

Depth of Current Meter: 951 Meters

Current Meter Model/Serial No.
EG&G 850/300

Recording Rate: 15 Samples/15 Min.

Record Length: 42.84 Days

Dynamic Calculations in Shallow Water

The calculation of dynamic heights for stations shallower than the 1000 decibar surface (which for the Ice Patrol is considered approximately equal to 1000 meters and is the reference level) was performed in a manner similar to that of Helland-Hansen (1934). Isosteric surfaces intersecting the ocean-sediment interface are assumed to extend horizontally inward such that the level surfaces they represent imply motionless water. The method employed here, which is described by Kollmeyer (1967), relies upon the extension of temperature and salinity contours into the continental slope from which sigma-t is calculated down to the Ice Patrol reference level. These values combined with the sigma-t's from the water column above are used in the determination of dynamic height for stations shallower than 1000 meters on each section.

Current Meter Data Processing

The EG&G A850 current meter is a Savonius rotor type of *in situ* recording current meter. Signals from the rotor, vane follower, and compass are recorded discretely on a single track of magnetic tape. The tape is a cartridge with two tracks. When track A is filled the recorder automatically shifts to track B to complete the recording. Depending upon the sampling rate, this current meter can be set to record for approximate periods of 8½, 45½, 86½, and 156 days. At the sampling rate of 15 samples every 15 minutes, which was used for the IIP-1973 current meter moorings, the endurance was 86½ days.

The current meter tapes were processed under contract by the manufacturer who provided vector averaged north and east components over the sampling period. Further analysis performed at the Oceanographic Unit included a filtering program (FILTR) that gave time series plots of the north and east (or normal and tangential relative to an arbitrarily selected direction) components of velocity for data with frequencies higher than 0.5 cycles/hour, higher than 0.8 cycles/day, and the periodic residuals resulting when one is subtracted from the other. This program aids in identification of the presence of any dominant periodic trends in the current meter record. Another program called HARMA was designed to test the statistical significance of harmonic periods selected for analysis from the filtering program.

These current meter arrays were subsurface, taut-line moorings established near the ocean bottom on the continental slope. The moorings were designed using a computer program named BUOY-M which was adapted for use by the Oceanographic Unit from the program of Berteaux and Chhabra (1973). The array components and design were similar to those appearing in the description of the intermediate mooring in Heinmiller and Walden (1973).

Navigation

Loran A, Loran C, and UQN/4 fathometer, and dead reckoning were the primary means of navigation. The estimated range of accuracy of navigational fixes was reported as 1.8–5.6 kilometers.

LABRADOR CURRENT

Any discussion of the Labrador Current is clouded by lack of a precise definition of its properties along its entire course. Current regimes have traditionally been identified either by their velocity or water property (T-S relationship) characteristics. The Labrador Current has variously been described in Ice Patrol publications as a cold, narrow, southward flowing current with the high velocity core located on the continental slope of the Grand Banks between the 200-meter and 2000-meter isobaths. Alternately, the Labrador Current has been defined by an 8-year mean T-S curve from data collected along the eastern slope of the Grand Banks which ranges from -1°C , 33.3‰ near the surface to 4°C , 34.9‰ at depth (Cheney and Soule, 1951). Neither attempt at a definition takes into account the conditions of the origins of this current nor its split into two separate southward flowing components, shelf and slope, and a third eastwardly flowing oceanic component as the flow out of the Labrador Sea approaches the northern slope of the Grand Bank. Likewise, neither description deals with the fate of the current after it reaches the Tail-of-the-Bank. Further complication arises from the observation that the maximum velocity core of the Labrador Current does not coincide with either the greatest temperature or salinity gradient (Kollmeyer, Wolford, and Morse, 1966).

Following the precedent of previous authors, when the discussion centers on the dynamic

topography charts in this report the Labrador Current is represented by the closely packed dynamic height contours which roughly parallel the bathymetric contours of the eastern slope of the Grand Banks, and includes the continuation of the contours at the point of reversal of a portion of the contours near the Tail-of-the-Bank which continue in a northeasterly direction until they leave the survey area. It is acknowledged that by this time mixing with the North Atlantic Current has taken place such that there are significant changes in the current's water mass properties. Furthermore it is understood that this is only one branch of the original Labrador Current, although probably the main one, and that other definitions of the Labrador Current may show that water exiting southward from the Labrador Sea may have other fates.

When the discussion in this report entails the measured volume transports, the XPORT computer program description is used which differentiates between two types of volume flow independent of direction of flow: Cold Core (i.e., Labrador Current) which is water less than 2°C and 34.3‰ and Warm Water (i.e., mixed water and North Atlantic Current) which is water greater than 2°C and 34.3‰ . While it is understood that these definitions are not as precise as one might wish, they serve the purpose of standardizing computations and permit comparison with discussions in previous Ice Patrol reports that used similar schemes.

CIRCULATION EAST OF THE GRAND BANKS

First Cruise (7-21 April 1973)

The first cruise revealed a current regime (fig. 2) in which the North Atlantic Current was about 74 km farther north than usual (fig. 3) and was running directly against the Tail-of-the-Bank. This in turn forced a portion of the Labrador Current up on the Banks proper. The volume transport of the Labrador Current was reduced to $0.3 \times 10^6 \text{ m}^3 \text{ s}^{-1}$ on section A4 from a value of $3.5 \times 10^6 \text{ m}^3 \text{ s}^{-1}$ on A3B. This dynamic topography presented in Figure 2 indicates that the excess Labrador flow had been incorporated into a broad, flat dynamic trough. This trough was the dynamic low region separating the Labrador Current to the west and the North Atlantic Current to the south and east. Extending from the Tail-of-the-Bank to the west and approximately 47°W to the east and north to approximately 45°N (fig. 2), this region contained the dense water resulting from the mixing of waters from the Labrador Current and those from the North Atlantic Current. The eastward limits of the dynamic low region were ill-defined because operational considerations precluded additional stations to the east. The conjecture at the time was that this region extended a considerable distance to the east. This situation was confirmed by the presence, during this time period, of large numbers of icebergs near 43°N , 48°W which did not appear to be moving farther southward. An anticyclonic ring, with a tangential velocity of 28 cm s^{-1} , was located at $43^\circ 40' \text{N}$ and $47^\circ 50' \text{W}$, near the center of the trough. At the northern end of this dynamically flat region, at $45^\circ 40' \text{N}$, was an area where a large portion of the Labrador Current branched from the main flow and moved eastward, south of Flemish Cap.

Second Cruise (18-24 May 1973)

By the 18th of May the situation had dramatically changed (fig. 4). The North Atlantic Current had receded somewhat toward the south but continued to keep the surface strata of the

Labrador Current up on the Banks. The May flow of the Labrador had increased from the April cruise period at section A4 to $1.0 \times 10^6 \text{ m}^3 \text{ s}^{-1}$. In the same period the flow upstream at section A3C was $2.0 \times 10^6 \text{ m}^3 \text{ s}^{-1}$, or more than $1.5 \times 10^6 \text{ m}^3 \text{ s}^{-1}$ less than in April. The most visible change was the appearance of a meander of the North Atlantic Current which had an amplitude of 220 km and a wave length of 165-185 km. Just to the north of the anticyclonic lobe of this meander was an anticyclonic ring, centered at $44^\circ 15' \text{N}$ and $47^\circ 35' \text{W}$, which had nearly the same dynamic characteristics as the one seen in April. Its surface tangential speed was 23 cm s^{-1} . It was tempting to say that they were one and the same. The latter had a thermohaline structure a full 2°C higher and 0.4‰ more saline. The movement toward the southwest was not inconsistent with the probable motion of anticyclonic rings. The higher temperature and higher salinity could be accounted for by seasonal warming and mixing. The unknown factors here were the speed with which these anticyclonic rings move through this area and in what area or areas were they generated. It is possible that the large anticyclonic meander in Figure 4 was either the anticyclonic ring seen during the April cruise or a new anticyclonic ring being formed.

Directly to the east of the large anticyclonic meander in the North Atlantic Current was a cyclonic meander of comparable size. This meander occupied an area not surveyed completely during the April cruise. What was developing here was a situation favorable to the transport of icebergs accompanied by their own cold water pool across an oceanic frontal system. If cyclonic meanders become cold water cyclonic rings south of the warm North Atlantic Current, then an explanation is available for the presence of the southernmost icebergs, in late May 1973, at $40^\circ 40' \text{N}$, 49°W , well south of the North Atlantic Current.

The area of Labrador Current entrainment into the eastward moving North Atlantic Current had moved 110 to 150 km further south than it was in April. The eastward component accounts for the main flow of the Labrador Current while to the south the dynamic height chart (fig. 4) and water mass properties reveal a weak and indistinct flow of the Labrador Current.

Third Cruise (13 June-14 July 1973)

In June and July only a brief general survey was made (fig. 5). In its place three intensive surveys were made of a 110 km square centered at 44°20'N and 48°30'W (figs. 6-8). The surveys

covered the region where the Labrador Current was entrained by the North Atlantic Current system. The major feature here, the reversal of the Labrador Current, shifted to the south 50km from survey one to three. This was approximately 1.8 km/day. The detail seen in the dynamic structure in these surveys was great compared to the structure displayed by the more conventional survey taken between Intensive Surveys II and III. The general pattern matches the northern portion of Intensive Survey III well. One can only conclude that the scales of motion seen are highly dependent on sampling.

DIRECT CURRENT MEASUREMENTS

Since the early 1930's the International Ice Patrol has been conducting oceanographic surveys in the area of the Grand Banks with the objective of computing surface currents for iceberg drift determination. The method used to compute these currents has relied on the baroclinic geostrophic assumptions. Chief among these assumptions is that a level of no motion exists and that the current is a balance of the Coriolis force and the baroclinic pressure field. International Ice Patrol has used the 1,000 decibar (meter) surface as the reference surface since 1932.

In an effort to evaluate the validity of the assumption that there was no motion at 1,000 decibars, Ice Patrol initiated a direct current measuring program to determine the current velocities under the Labrador Current. In 1973 two moored current meters, using subsurface floats were deployed near the bottom under the Labrador Current. Geodyne Model 850 current meters were positioned approximately 40 meters above the bottom (see Table 2). The meters were set to record in the interval mode with a burst of 15 samples every 15 minutes.

The first meter was set at a depth of 879 meters at 44°13'N and 48°52'W on April 13th and recovered on May 14th of 1973. The second meter was set on 18 May at 951 meters depth at 45°33'N and 48°16'W and was recovered 30 June 1973.

The data records were complete for both meters and all components appeared to have functioned properly.

A simple average was taken of the measurements in each 15 minute interval. The averaged raw data show velocities as high as 25 cm s⁻¹ for both meters. These data were then smoothed using a numerical filter to effectively remove frequencies higher than 0.5 cycles/hour, thus reducing noise in the data. The current measurements were separated into two components; one tangential to the slope of the Grand Banks and the other normal to the slope. Positive values indi-

cated northward flow for the tangential component and eastward flow for the normal component.

The smoothed data were further treated using a numerical filter to remove frequencies higher than 0.8 cycles/day or periods shorter than 30 hours. This removed the diurnal and semidiurnal tidal currents. A difference between the smoothed data and the filtered data was calculated, which contained periods of approximately 2 to 30 hours.

These filtered data for the first current meter mooring at 44°13'N and 48°52'W show a surprising degree of variability. The current ranged from 14 cm s⁻¹ southward along the shelf to a quite unexpected current reversal of about 5 days duration, with a northward flow of up to 2 cm s⁻¹. The mean current for this period was 3.4 cm s⁻¹ toward the south. The component normal to the shelf was virtually zero. The periodic residuals presented a rather complex picture. The standard deviations from the mean for the normal and tangential components were ± 2.2 cm s⁻¹ and ± 2.8 cm s⁻¹ respectively. The only identifiable periodic component was the lunar semidiurnal tide. Harmonic analysis indicated that there was a 17% probability for the normal component that the coefficients for this frequency could have been generated from random data and a 32% probability for the tangential. This rather high probability appears to stem from the fact that any baroclinic tides present are intermittent and not "phase-locked" to the forcing of the equilibrium tide.

For the other current meter at 45°33'N and 48°16'W the aperiodic current varied from 15 cm s⁻¹ southwestward along the banks to a 1 cm s⁻¹ northward flow that persisted for approximately one day. The mean current was 5.3 cm s⁻¹ toward the southwest. Again the normal current component was small in comparison with the tangential component.

The periodic residuals in this case had a standard deviation of ± 3.0 cm s⁻¹ and ± 2.9 cm s⁻¹ for the normal and tangential components respec-

tively. As in the previous case the only identifiable periodic component was the lunar semidiurnal tide. In this instance harmonic analysis indicated that there was less than 1% probability for both the normal and tangential components that the harmonic coefficients could have been generated by random data.

The low frequency fluctuations of the current for both meters were compared with the surface wind field. However, no clear relationship between the winds and the currents at these depths was found.

Surface currents computed for this period in the Labrador Current by the geostrophic method ranged from about 15 cm s^{-1} up to 60 cm s^{-1} southward. This compares with a mean current at

depth of from 3.4 to 5.3 cm s^{-1} for the April-May and May-June data respectively with values running as high as 25 cm s^{-1} for an instantaneous current. The current except in two cases was always southward along the slope. The direct current measurements were compared with geostrophic calculations of the current from nearby stations and at the depth of the current meters. When the differences between the two methods of current measurement were added to the surface current, the geostrophic values averaged 10% to 30% less than would be indicated by the directly measured current. Therefore, the geostrophic current calculations in the Labrador should be considered as minimums with the actual speeds being 10%–30% higher.

INTENSIVE DYNAMIC SURVEYS

The three consecutive Intensive STD Surveys conducted during June and July 1973 provided a unique opportunity for a detailed study of oceanic circulation. A near-synoptic survey was made possible by the close station spacing in time and space. Taking note of the location and station density (fig. 1) of the approximately 122 x 111 km station grid, it is evident that the horizontal distributions of physical properties in this area, where the North Atlantic and Labrador Currents meet, would be more adequately defined by an intensive survey than by a survey consisting of only the Ice Patrol standard sections. The limited area covered by the surveys allowed for complete coverage in approximately three days, with repeated occupations within about 5 days (Table 3).

The calculation of ocean currents based upon relative dynamic depth anomalies has several limitations which detract from their reliability as estimates of true flow for certain areas of the Grand Banks (Kollmeyer, 1967). The underlying assumptions that conditions are steady state and that a dynamic equilibrium exists between the horizontal pressure gradient force and the Coriolis force do not apply where other forces have an important role. This is particularly true on the continental slope and outer shelf where bottom friction and wind induced sea surface slopes alter the mean flow from its baroclinic equilibrium assumed by geostrophy.

Aside from the inapplicability of simple geostrophy to the slope/shelf region, the means by which the surface dynamic depth anomaly is determined may compound the error. To determine the western wall of the Labrador Current it is necessary to make geostrophic current calculations in water shallower than the shelfbreak. To do this, the procedure previously referenced of extending the temperature and salinity isopleths horizontally into the continental slope is employed. These extrapolated data are then combined with the data from the measured water column above to determine a surface dynamic height to be used in surface current calculations. All stations shallower than the reference level of 1000 decibars are treated in this manner. For each section extending perpendicular to the continental shelf a new set of extrapolated temperature and salinity values are derived. Consequently, when these different values are applied to the calculation of dynamic heights there exists an upstream-downstream slope to the isosteric surfaces which have been extended horizontally into the continental slope. Consequently, there is an apparent flow into or out of the bank which we know cannot be correct.

A table of comparison has been prepared for the Intensive Surveys which illustrates the magnitude of error caused by the use of this method (Table 4).

TABLE 3
Intensive Dynamic Surveys

	Station Numbers	Number of Stations	Date/Time (GMT)	Duration (days)	Interval (days)
I	11330-11375	43	171725-221345 June	4.8	5.0
II	11376-11418	43	261415-292215 June	3.3	4.6
III	11450-11490	41	041125-071455 July	3.1	

TABLE 4

Comparison of the 1973 Intensive Dynamic Surveys calculated volume transports and surface currents for section "D" (fig. 1). One series of calculations (Constant Extrapolation Values) was derived from a single set of extrapolated temperatures and salinities. The second series (Variable Extrapolation Values) used a different set of extrapolations for each section normal to the slope in accordance with the traditional method.

A. VOLUME TRANSPORT

<i>Intensive Survey</i>	<i>Constant (C) Extrapolation Values ($10^6 \text{m}^3 \text{s}^{-1}$)</i>	<i>Variable (V) Extrapolation Values ($10^6 \text{m}^3 \text{s}^{-1}$)</i>	$ C-V $ <i>Values ($10^6 \text{m}^3 \text{s}^{-1}$)</i>	<i>Per Cent Difference</i>
I	-0.047	-0.785	0.738	1570%
II	+1.264	+1.586	0.322	25%
III	-0.036	-0.909	0.873	2425%

B. SURFACE CURRENT

<i>Intensive Survey</i>	<i>Constant (C) Extrapolation Values (cm s^{-1})</i>	<i>Variable (V) Extrapolation Values (cm s^{-1})</i>	<i>Mean of $\Delta C-V$ (cm s^{-1})</i>	<i>Per Cent Difference</i>
I	+ 3.92	- 3.03	6.95	175.9
	+16.79	- 0.24	17.03	101.4
	- 6.09	+ 1.74	7.83	128.6
	- 9.25	- 4.05	5.20	56.2
			$\overline{ x } = 9.25$	$\overline{x} = 115.5\%$
II	+27.17	+ 3.68	23.49	86.4
	- 6.63	- 1.92	4.71	71.0
	- 8.39	+ 5.21	13.60	162.1
	+10.86	+11.41	0.55	5.0
			$\overline{ x } = 10.6$	$\overline{x} = 81.1\%$
III	-29.38	- 9.08	20.30	61.1
	+18.64	+ 5.69	12.95	69.5
	-15.78	- 0.27	15.51	98.3
	+11.05	- 0.27	11.32	102.4
			$\overline{ x } = 15.0$	$\overline{x} = 84.8\%$

For each survey the net volume transport and surface current have been calculated for the N-S slope section. In one case the same extrapolated T and S values were used for all stations—those from the northernmost station. In the other, different extrapolated values were derived for each section. The results show that the net volume transport determined using the variable extrapolated values was overestimated by as much as $.87 \times 10^6 \text{m}^3 \text{s}^{-1}$ and that the surface currents differed on the average by 81.1% to 115.5% when compared with those determined from the same (constant) set of extrapolated values. Even though the difference averaged only from 9.2 cm s^{-1} to 15.0 cm s^{-1} , a reversal in direction was encountered in 42% of the comparisons.

In the practice of applying the oceanographic data to the Ice Patrol current analysis, upslope-

downslope flow is not normally directly estimated as it has been here for this special survey. However, the surface dynamic heights for each survey are plotted on a chart and are contoured at each 0.02 dynamic meter interval. As a consequence of applying different extrapolated values to each section, whatever upstream-downstream slope of T and S properties that exists in the stations adjacent to the continental slope is extended into the Bank and is represented as a slope of the isosteric surfaces below the sediment boundary from one section to the next. The surface dynamic heights, as it has been shown, are biased by this artificial flow normal to the Bank. Often when surface dynamic topographies are contoured from these erroneous surface dynamic heights of shallow stations, a false flow of significant magnitude onto or off of the Bank is

evident (fig. 9). If this inaccurate representation is carried over into the surface current field entered into the computer array for iceberg drift, the surface current velocity component calculated from that field would tend to bias the drift in cross slope direction resulting in a biased iceberg drift prediction.

The obvious solution to this problem is to ensure that all isosteric surfaces below the ocean bottom in stations shallower than the reference level are level, and to show no slope resulting in current into or out of the Bank. However, to do this, a single set of averaged extrapolated values would have to be applied to all the shallow stations. This would give erroneous data for current estimates for the component of flow parallel to the Bank computed for continental slope stations of a magnitude equal to or greater than the error due to varying the extrapolated values from section to section.

There appears to be no solution to this problem that would preserve the relative dynamic topography from one station to the next and from one section to the next while still giving an accurate indication of flow up and down slope, if any. Procedurally in the course of performing computer drift predictions the effects of the bias upon drift caused by unrealistic flow in a direction normal to the Bank may be removed

if the magnitude can be estimated. This is simply done by calculating the surface current from dynamic height differences between adjacent sections (i.e., normal to the slope) using the deepest common depth of the two shallowest end stations of each section as the reference level for computing the dynamic height of the water column above that level (fig. 10). By setting the flow at this reference level to zero, one establishes mathematically what is known intuitively, that no current exists below the sediment boundary layer of the Bank.

Now that the cross slope component of current velocity has been determined independently of the along slope flow it may be applied to the iceberg drift solution in several ways. The east and north component of flow could be summed to obtain a current velocity vector applied in the vicinity of the western end of the sections concerned. Alternatively, the current velocities calculated for the cross slope flow in the manner described above might be programmed to compute the maximum allowable component of upslope-downslope force for the computer solution of iceberg drift. Either application should improve the estimated current velocity input to predicted drift of icebergs when they are found in water shallower than 1000 meters.

THE INTENSIVE SURVEYS: VOLUME FLOW ANALYSIS

The 1973 Intensive Surveys yielded three sets of oceanographic data in the same location on a relatively fine scale with only five days intervening. It is tempting then to analyze these data with the idea in mind of quantifying the relatively high frequency, small scale horizontal flow characteristics. The first avenue of approach is to determine and compare the volume transport into and out of what is essentially in cross section a trapezoidal solid constituting a volume of approximately 2.6×10^{13} cubic meters. A comparison of the net volume transport through the walls of this body of water (fig. 11) shows the relative change in the direction and volume of flow from one survey to the next. The extrapolated values of section "D" have been adjusted so that there is no flow into or out of the sub-sediment section of the Bank, thus it is a more realistic estimate of the volume flow in this area. Section "C" has also had its extrapolated values adjusted to agree with sections "A" and "D" in order that net transport through all four sides defining the survey area would total zero.

Comparison of the First and Second Intensive Surveys

The results show a nearly linear increase in net transport which was southerly through the top section (A), of 76% from survey I to survey II, and 34% from survey II to survey III. Figure 12 indicates an increase in transport for both the southerly flowing Cold Core and Warm Water* as well as the northerly flowing Warm Water during the interval between the first two surveys. The north flowing fraction of the Cold Core remained at a constantly low value. Comparison of the surface dynamic topographies from each survey (figs. 6 and 7) shows a broadening of the

dynamic trough in the center of the section with a transfer of much of the northward flowing water to the east. The result was a $2.33 \text{ m}^3 \text{ s}^{-2}$ rate of increase of net southerly volume transport which compares well with a $2.29 \text{ m}^3 \text{ s}^{-2}$ rate of increase of the Labrador Current Cold Core transport.

There was a dramatic decrease in westerly transport with a less substantial decrease in easterly transport to yield an insignificantly small increase in net transport (easterly) for section "B" which defined the eastern border of the survey. It is evident from the spacing and number of the surface dynamic height contour intervals (figs. 6 and 7) that the easterly flow through this section was less intense during the second survey.

The net increase in northerly transport of both Cold Core and Warm Water was slightly more than the increase of the southerly flowing water through the southern section, "C", to give a small excess of northerly flow over that of the first survey.

Considering the relatively consistent volume transports through the eastern and southern boundaries of the survey when compared with the acceleration of southerly flow in the topmost section, it is evident that the balance must occur in the western section. Indeed this is the case with a $1.438 \times 10^6 \text{ m}^3 \text{ s}^{-1}$ increase in Cold Core flow (westerly) through section "D" which even included a reversal of net flow from east (off slope) to west (on slope) flow. In spite of the large percentage change taking place on the western boundary, at no place did the geostrophic current speed exceed 13 cm s^{-1} and for the most part was considerably less. As is apparent from the dynamic topography the westerly flow is concentrated between the northern two and between the southern two stations of this section. It seems that the rapid rate of increase in Labrador Current flow could only be accommodated by a flow onto the shelf on the western boundary since the North Atlantic Current prevented expansion to the south and east.

* Cold Core is defined by the Ice Patrol Division of the U.S. Coast Guard Oceanographic Unit as water which is less than 2.0°C and $34.3^\circ/\text{oo}$; Warm Water is greater than 2.0°C and $34.3^\circ/\text{oo}$.

Comparison of the Second and Third Intensive Surveys

In the final survey we find a further deepening of the dynamic trough. Volume transport changes around the survey perimeter were characterized by net increases in the easterly direction for the N-S oriented sections "B" and "D", and increases in southerly transport for E-W sections "A" and "C". The major contributions to these net transport differences came from an offsetting increase in Warm Water and a decrease in Cold Core southerly transport which allowed the decrease in both Warm Water and Cold Core northerly transport to effect a greater net southerly transport through the topmost section. This increase was not the result of any rise in the velocity nor the extent of the Labrador Current (figs. 7 and 8). In fact, the surface layer velocities indicate that the current had reached steady state, or perhaps even decelerated, down from a maximum of 55.1 cm s^{-1} on the second survey to 49.1 cm s^{-1} on the third survey. Rather, a decrease in the northerly flow of Cold Core and Warm Water from the second to third survey was the cause of the net southerly increase. This 53.2% reduction in northerly flow through the top section coincided with a 28.7% decrease in northward transport through the bottom section and an 18.0% increase in the volume of water

exiting the survey area through the eastern section. The western boundary of the third survey may be characterized as having the least deviation of the Labrador Current from the normally bathymetrically defined path along the continental slope. This may be seen from the percentage of Cold Core water passing through the top section of the survey that also passed through the bottom section. This value reached its highest during survey III (71.4%), least during the second survey (26.0%) when there was a large up slope transport of Cold Core water volumes, and intermediate (58.9%) during survey I.

The southern boundary of these surveys showed a variation in northerly transport of Warm Water which may be compared with the dynamic changes in the rest of the survey domain. The northward flow of Warm Water increased 10.6% from the first to second survey and decreased 41.0% from the second to the third survey to a level 34.8% below that of the first survey. It is noteworthy that the increased northward transport occurred when the south-flowing Labrador Current had a considerable on-slope component of flow and that the lowest northerly transport of Warm Water was correlated with the greatest infiltration of the southern flow of Cold Core water through the survey area.

CONCLUSIONS

A coincidental increase in southward flow of Labrador Current water and northward flow of North Atlantic Current water between the first and second Intensive Surveys caused a reversal in the slight residual off slope flow along the western boundary to a sizable $1.264 \times 10^6 \text{m}^3 \text{s}^{-1}$ on slope component and a broadening of the dynamic low in the top center of the survey area. A decrease in volume transport of the North Atlantic Current from the second to the third Intensive Survey resulted in a deepening of the trough which then extended to the southernmost two sections. The reduced North Atlantic Cur-

rent flow most probably ensued from the southeasterly excursion of a meander; in fact, the entire pattern of volume flow changes during the three intensive surveys could be explained by the passage of the crest of a meander typical to the area, or could merely be a southeasterly retreat of the main axis of the North Atlantic Current. However, neither mode can be proved by the available data. Finally, the Labrador Current entering from the north was allowed to infiltrate the area to its greatest extent with the highest percentage of Cold Core water passing through the southernmost section.

SUMMARY

1. Three Ice Patrol cruises, April, May and June-July 1973 were analyzed. During the first cruise the North Atlantic Current was found 74 km farther north than usual and it impinged on the Tail-of-the-Bank forcing the Labrador Current up on the Bank. The much stronger North Atlantic Current appears to be capable of overwhelming the weaker Labrador Current and turning it eastward or westward. By the time of the second cruise the North Atlantic Current had receded somewhat toward the south and the flow of the Labrador Current at A4 had increased threefold from the previous cruise. The third cruise which included three intensive dynamic surveys between $43^{\circ}30'N$ and $45^{\circ}N$ showed a continuation of the southward progression of the point of reversal of the Labrador Current. This in turn affected the area enclosed by the dynamic trough separating the two main current systems, and consequently, the drift of icebergs in that region.

2. During the May cruise the formation of a large cyclonic meander was noted in the North Atlantic Current. The possible production of cold water cyclonic rings to the south of the warm North Atlantic Current by these meanders could explain the presence of icebergs far to the south of this warm water barrier.

3. Direct current measurements were made at two locations for two separate time intervals. The current meter records exhibited low mean speeds of 2 cm s^{-1} and 5.3 cm s^{-1} toward the southwest. Maximum speeds were 14 cm s^{-1} and 15 cm s^{-1} respectively with a single short period burst of 25 cm s^{-1} . Small reversals in current direction were observed to average 2 cm s^{-1} and 1 cm s^{-1} . The only identifiable periodic component was the lunar semidiurnal tide which appeared to be intermittent and, thus, did not seem to be phase-locked to the equilibrium tide. Comparison of the geostrophically determined surface currents

with the directly measured currents at depth indicates that Labrador Current measurements are probably underestimated by 10–30% by the methods presently used.

4. Calculations of geostrophic current and volume transports on the shelf and slope of the Intensive Dynamic Surveys indicate that the method of extrapolation of temperature and salinity values into the Bank causes an inherent error in the estimate of cross slope flow in stations shallower than the reference level. The along slope inclination of isosteric surfaces is carried into the Bank by this method and, therefore results in an apparent flow into or out of the subsediment boundary of the continental slope. The overestimation of on/off slope currents may be compensated for by calculating the component of flow normal to the slope between adjacent sections with level isosteric surfaces below the ocean/sediment interface, and making that the input to the iceberg drift computer program.

5. A detailed analysis of volume transport calculations made during the three Intensive Dynamic Surveys in June and July revealed that in a 21 day period there was a simultaneous increase in Labrador Current and North Atlantic Current transport which drove the Labrador Current up onto the Bank. This was followed by a recession of the North Atlantic flow, either by reduction in transport or, more likely, a shift in the axis of the stream which allowed a greater portion of the Labrador Current volume transport to flow out of the southern end of the survey area. The progression of the crest of a meander through this area would also account for the dynamic conditions described, but could not be supported because of the lack of data to the east of the survey.

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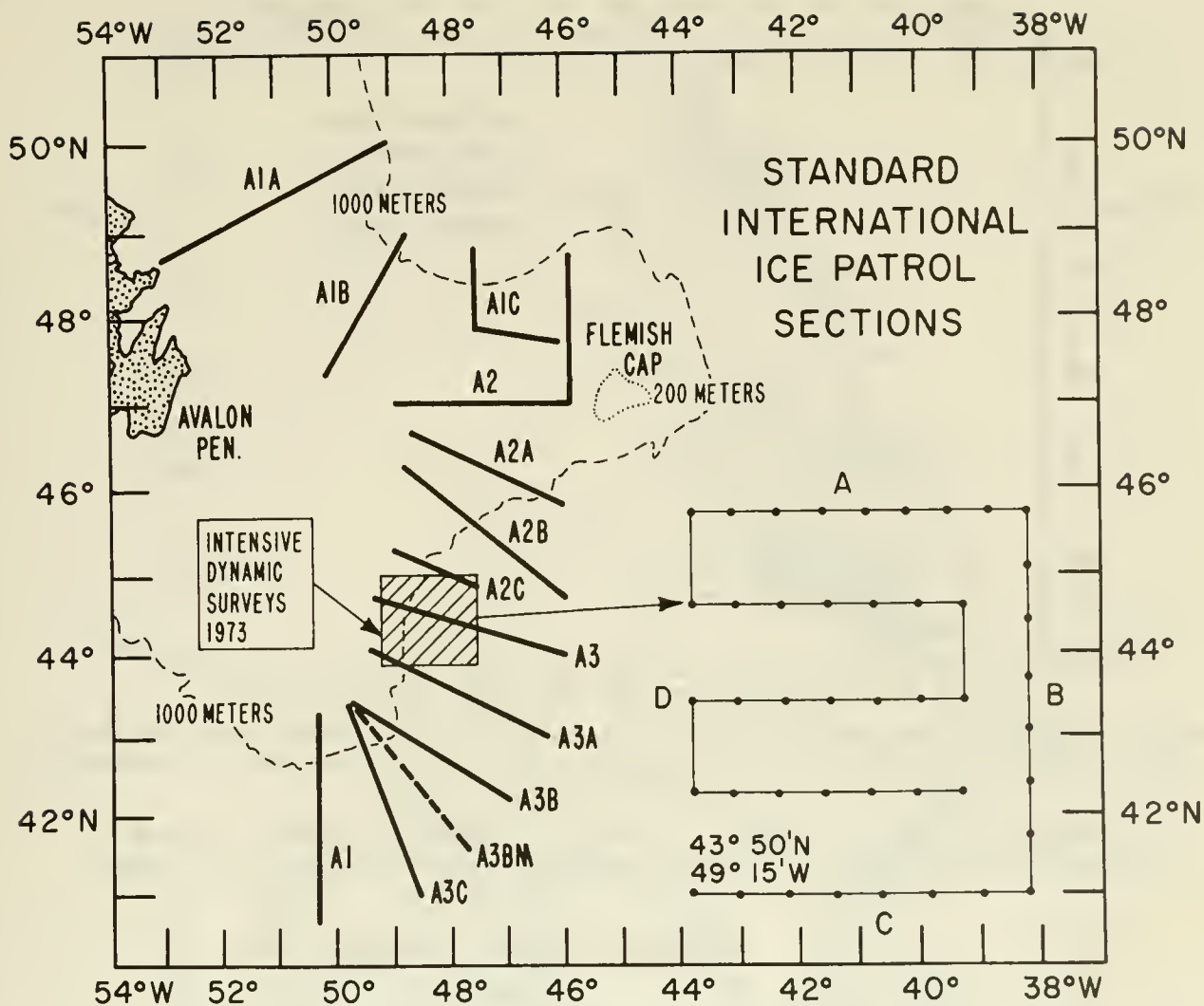


FIGURE 1. Standard International Ice Patrol Sections. Inset shows station tracklines for Intensive Dynamic Surveys I-III, 1973.

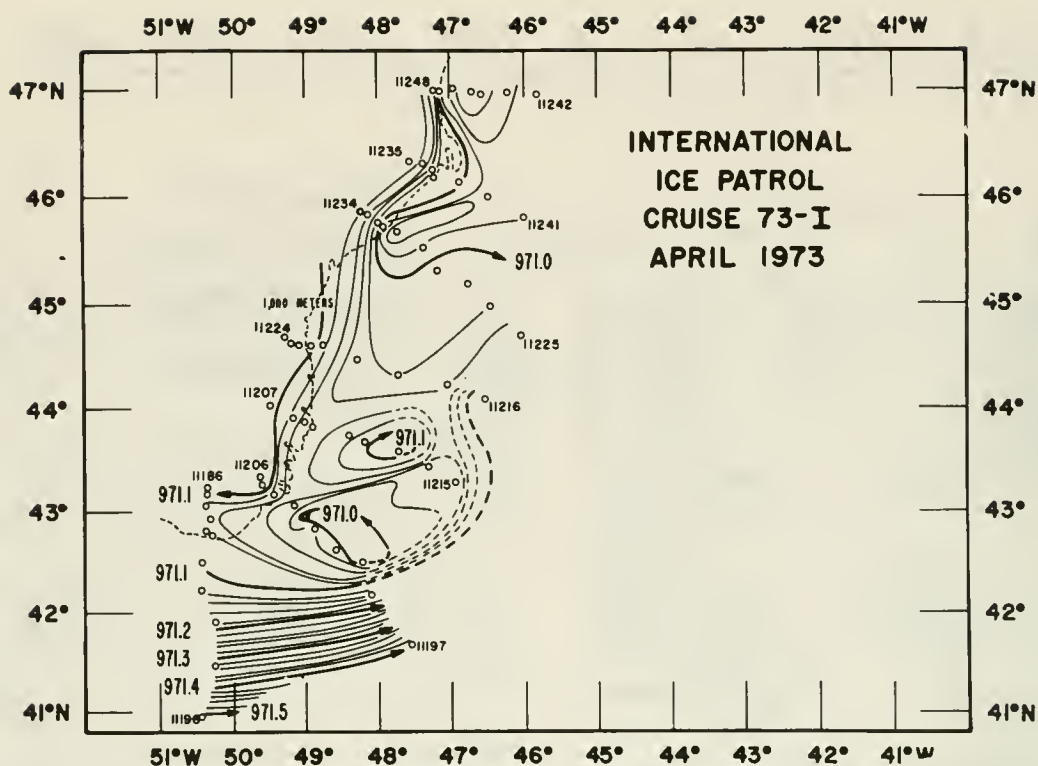


FIGURE 2. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface, from data collected by CGC EVERGREEN, 3-22 April 1973. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers given at turning points.

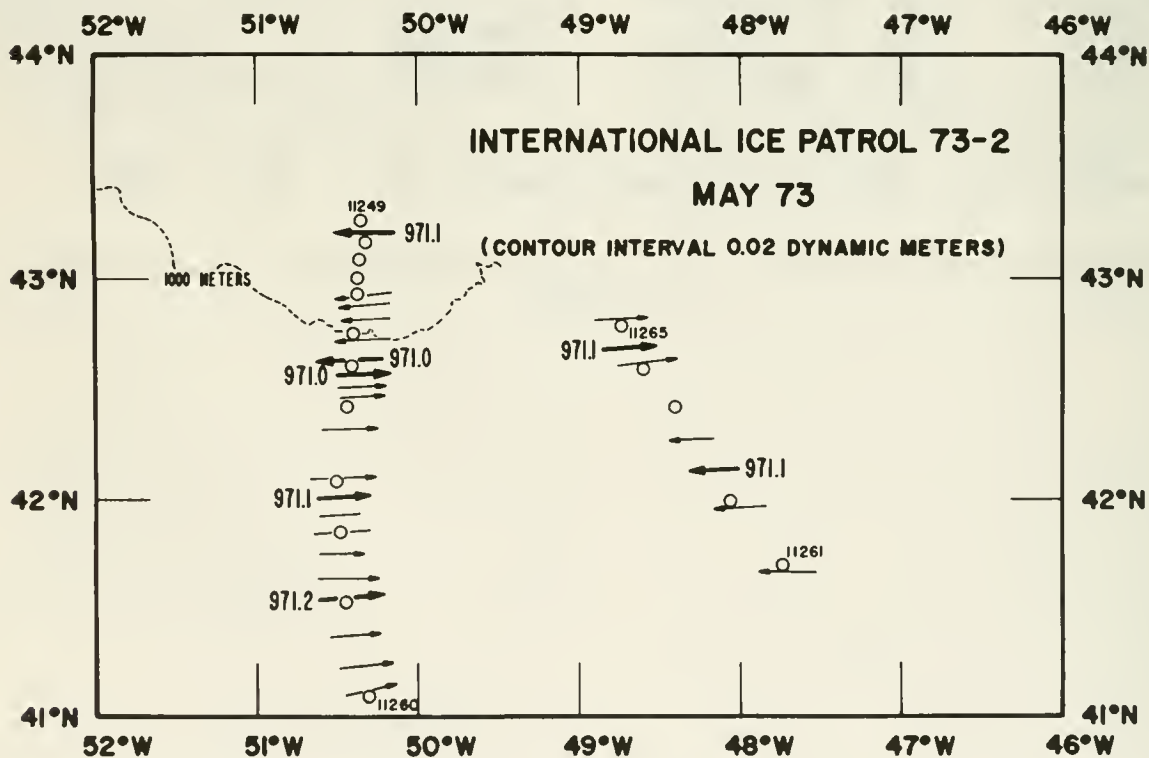


FIGURE 3. April monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1000 decibar surface. Contour interval is 2 dynamic centimeters (from Scobie and Schultz, 1976).

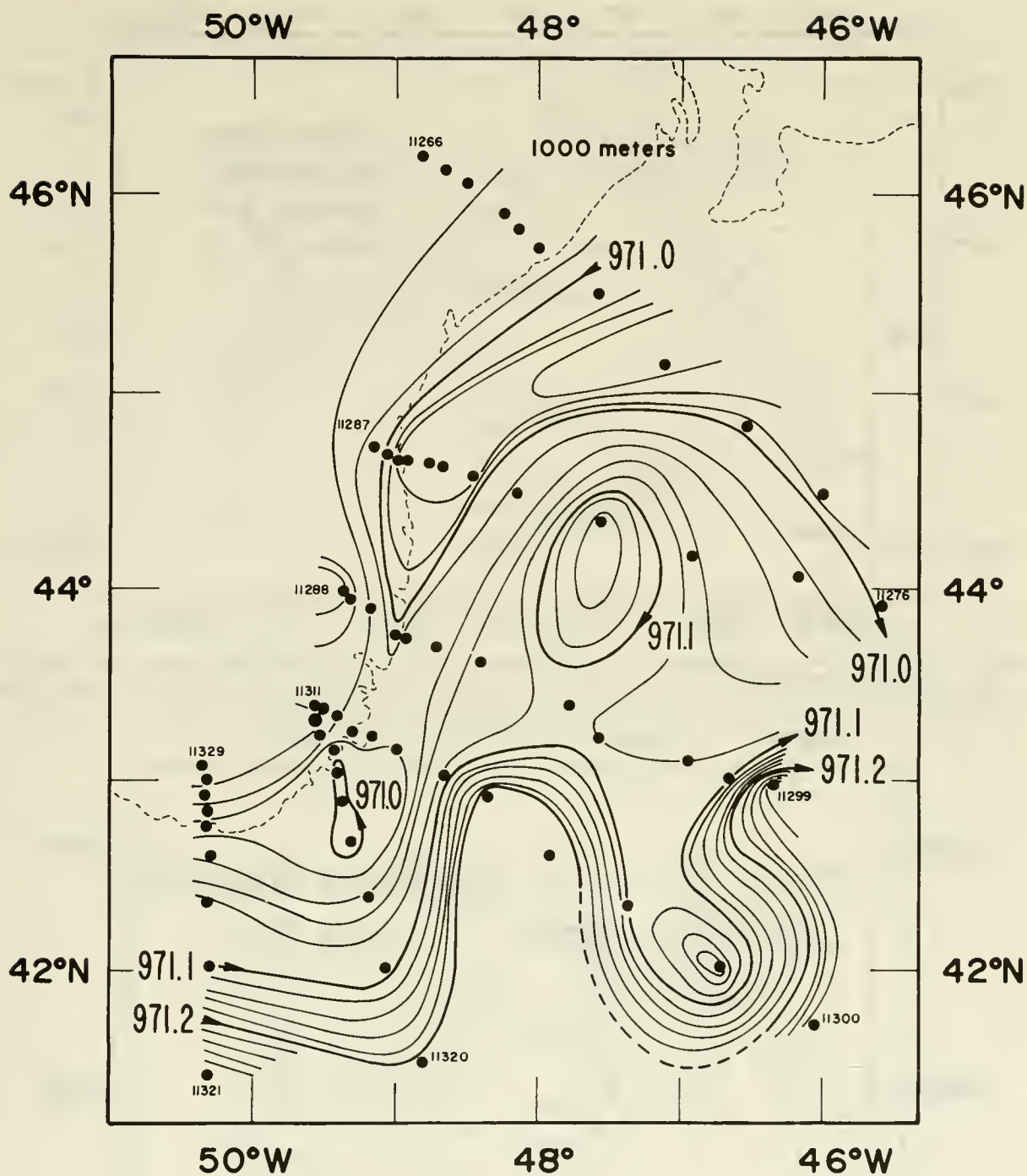


FIGURE 4. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface from data collected by CGC EVERGREEN, 8-28 May 1973. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers given at turning points.

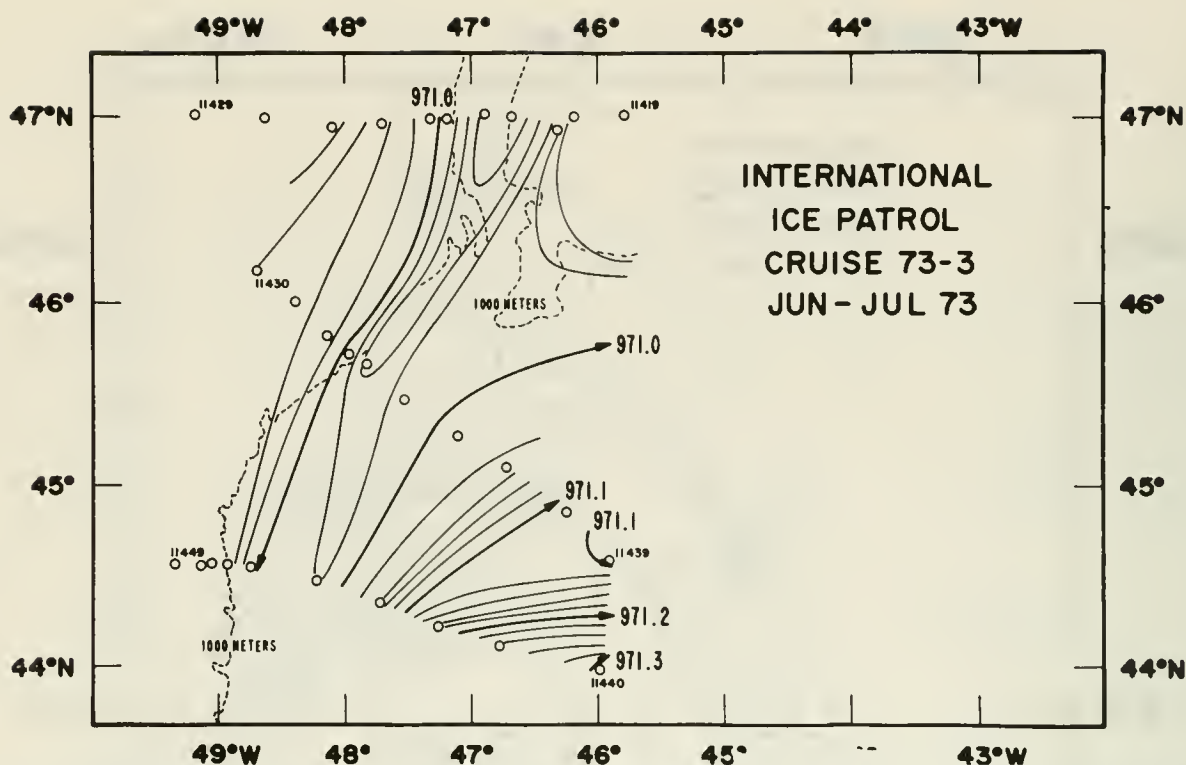


FIGURE 5. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface from data collected by CGC EVERGREEN, 13 June-14 July 1973. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers given at turning points.

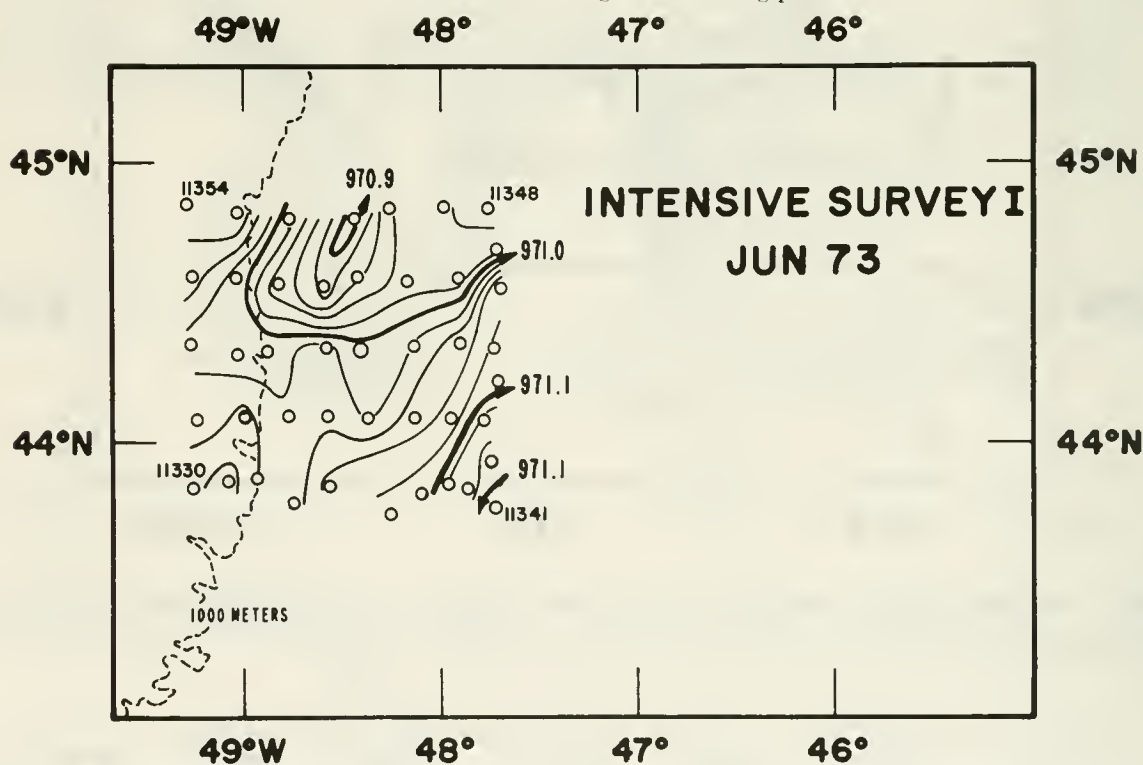


FIGURE 6. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface from data collected by CGC EVERGREEN, Intensive Dynamic Survey I, 17-22 June 1973. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers given at turning points.

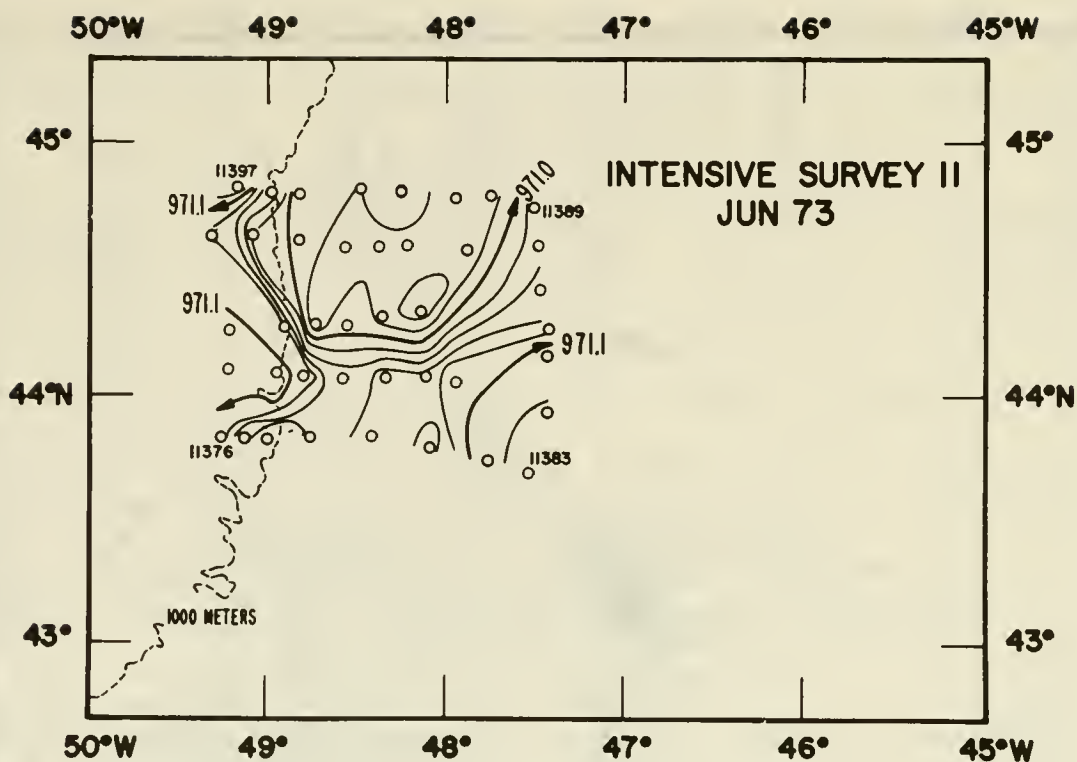


FIGURE 7. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface from data collected by CGC EVERGREEN, Intensive Dynamic Survey II, 26-29 June 1973. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers given at turning points.

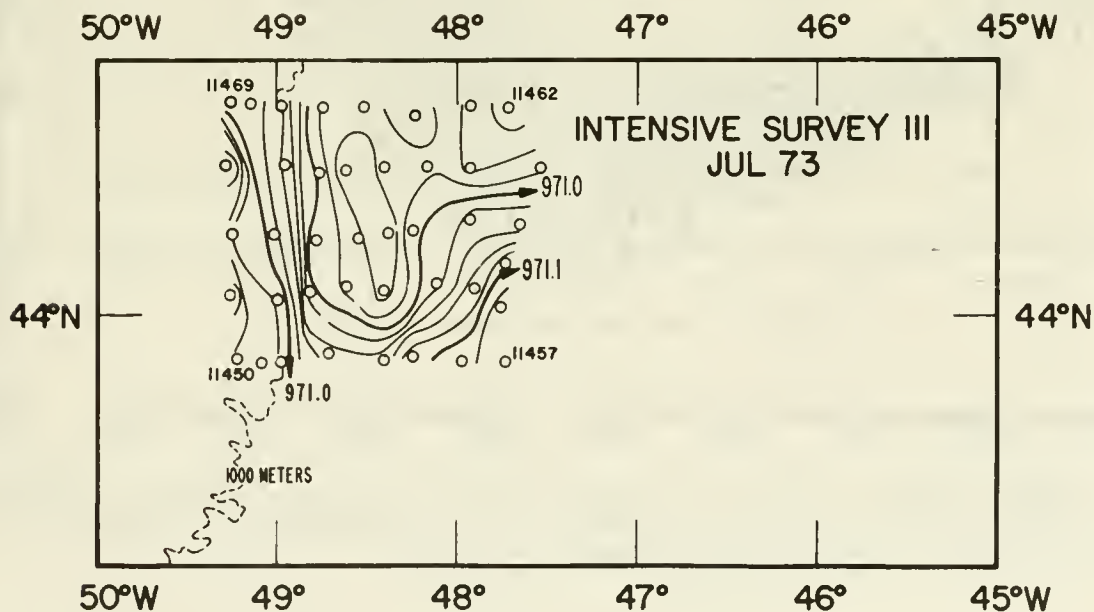


FIGURE 8. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface from data collected by CGC EVERGREEN, Intensive Dynamic Survey III, 4-7 July 1973. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers given at turning points.

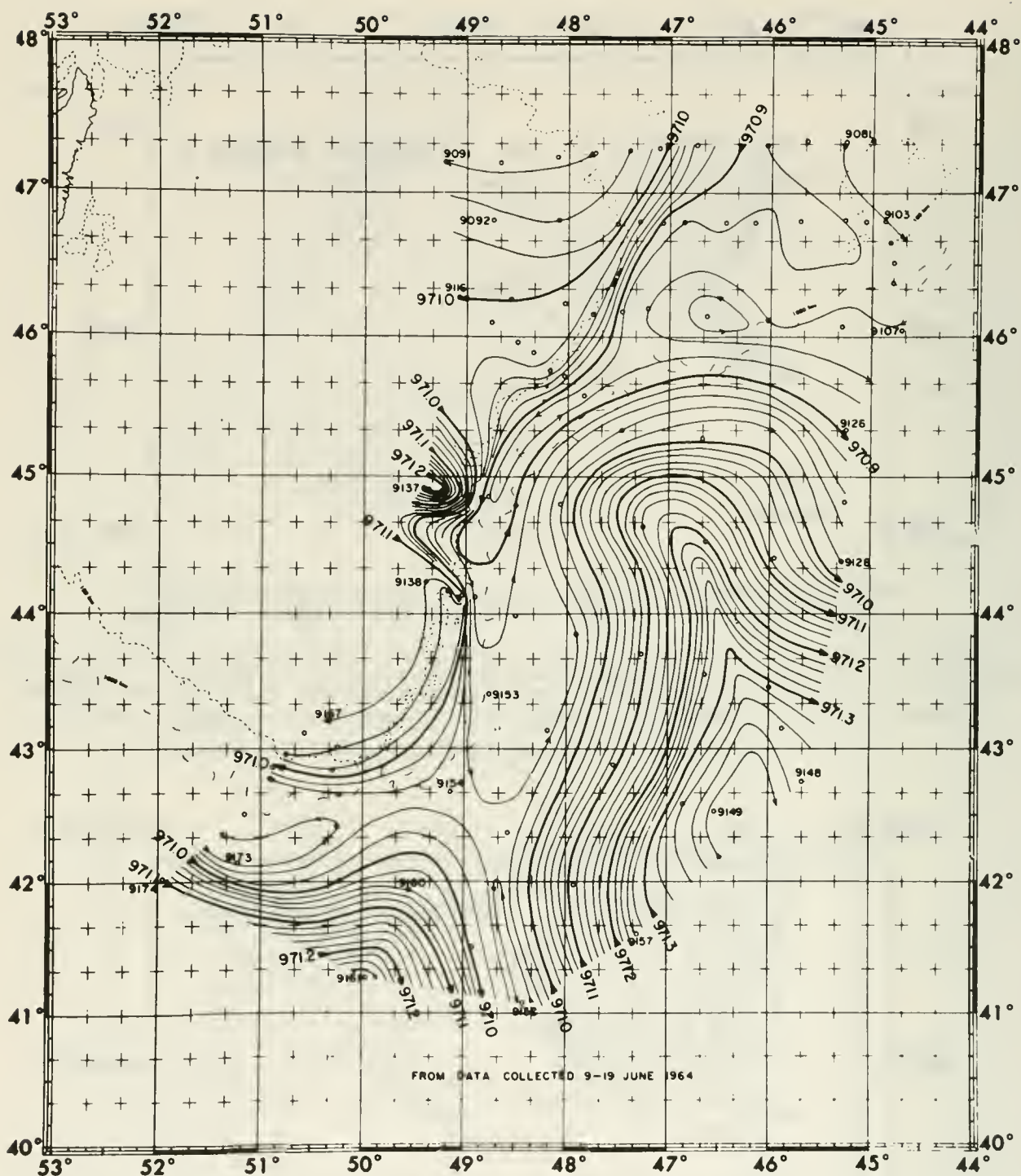


FIGURE 9. Dynamic topography of the sea surface relative to the 1000 decibar surface from data collected 9-19 June 1964. [Contour interval is 2 dynamic centimeters.] Oceanographic station positions are indicated and the station numbers given at turning points (from Kollmeyer et al., 1965).

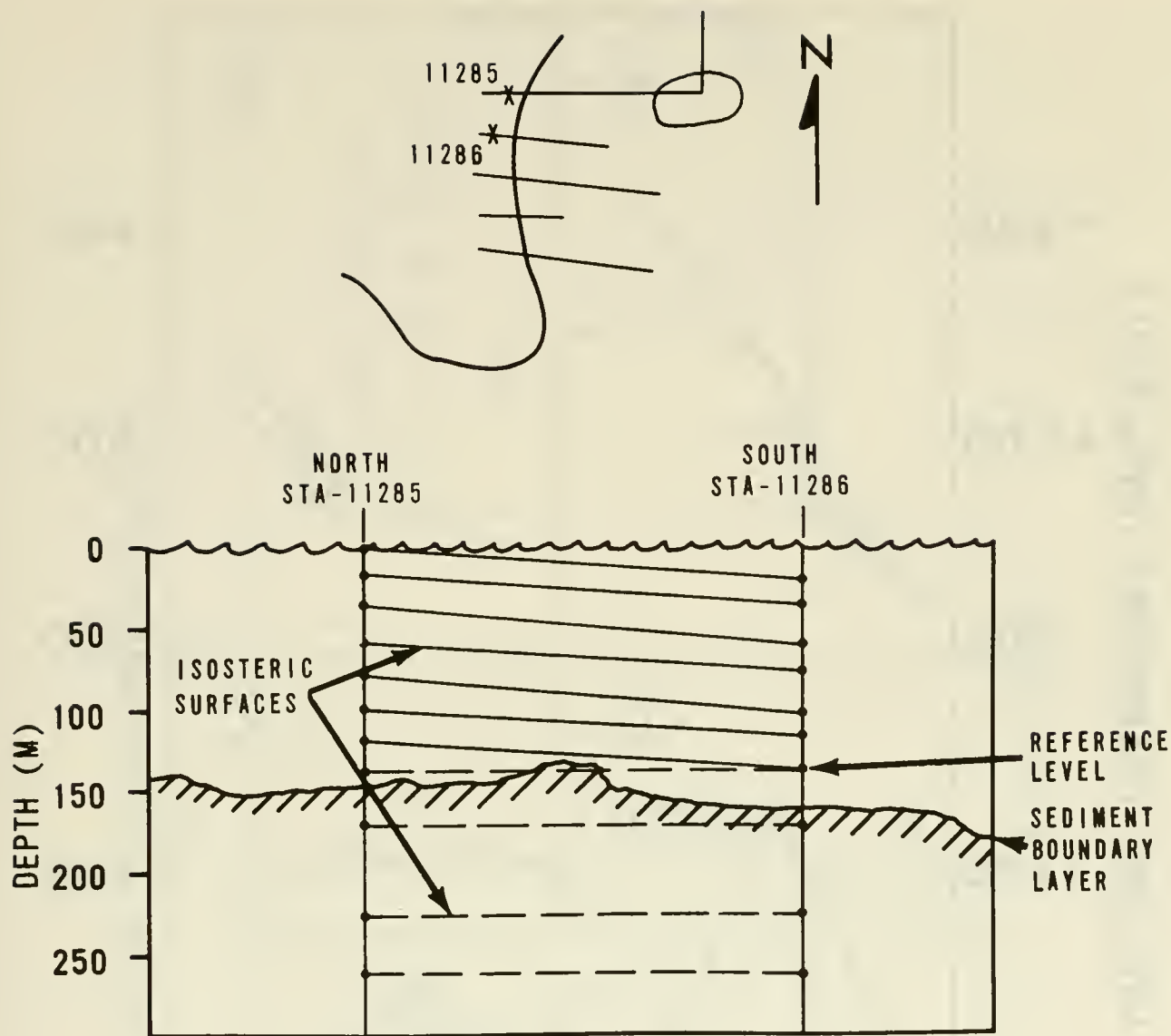


FIGURE 10. Diagram of the method for computing surface currents normal to the continental slope. See text for the explanation.

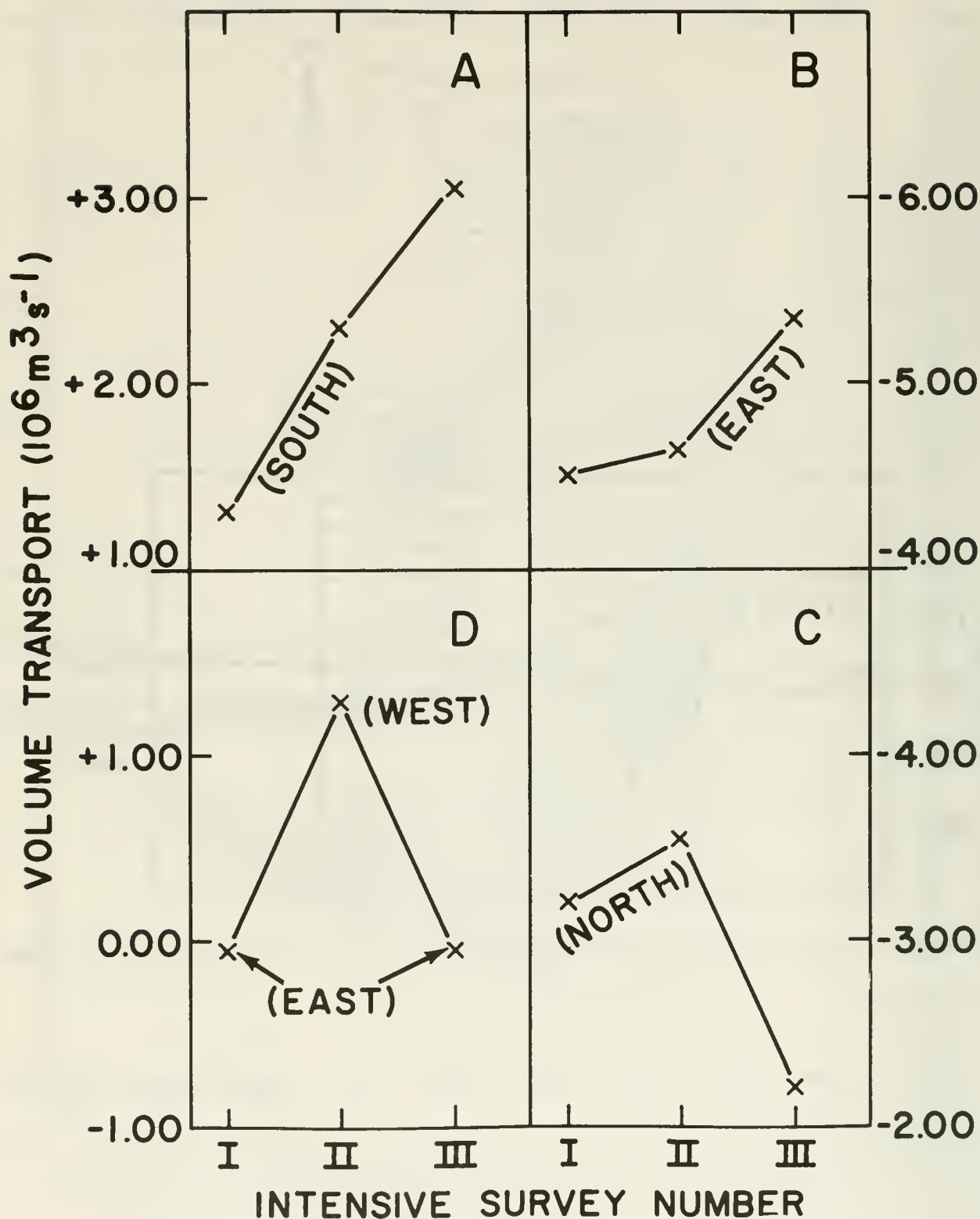


FIGURE 11. Net volume transport ($10^6 \text{ m}^3 \text{ s}^{-1}$) through the perimeter sections "A", "B", "C", and "D" versus Survey during Intensive Dynamic Surveys I-III, 1973.

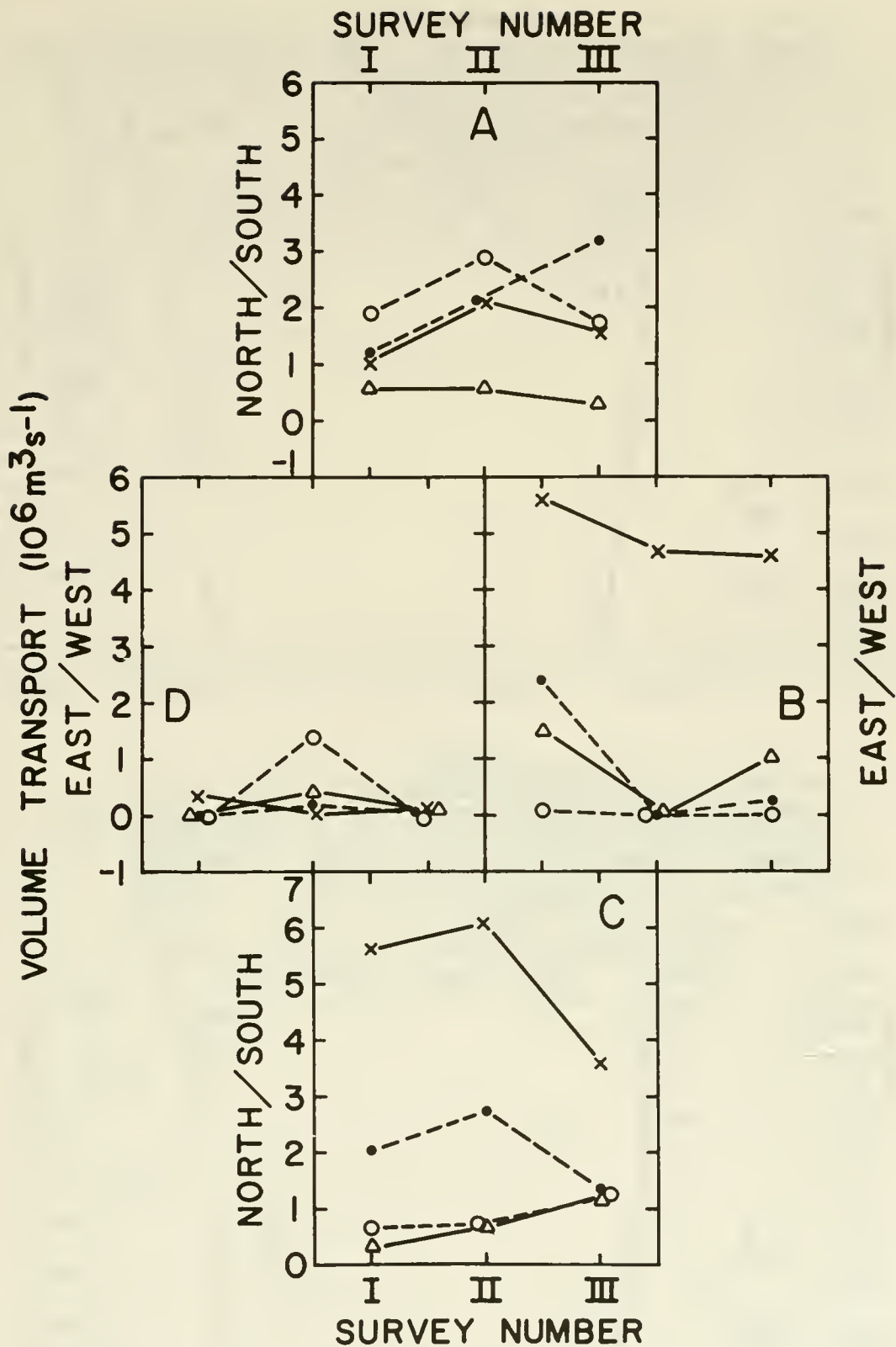


FIGURE 12. Volume transport ($10^6 \text{ m}^3 \text{ s}^{-1}$) differential by water property type and direction of flow versus Survey from the Intensive Dynamic Surveys I-III, 1973. Δ ——— is Cold Core (north or east), \times ——— is Warm Water (north or east), \circ ——— is Cold Core (south or west), and \bullet ——— is Warm Water (south or west). Cold Core is defined by the International Ice Patrol Division of the Coast Guard Oceanographic Unit as water less than 2°C and 34.3‰ ; Warm Water is greater than 2°C and 34.3‰ .

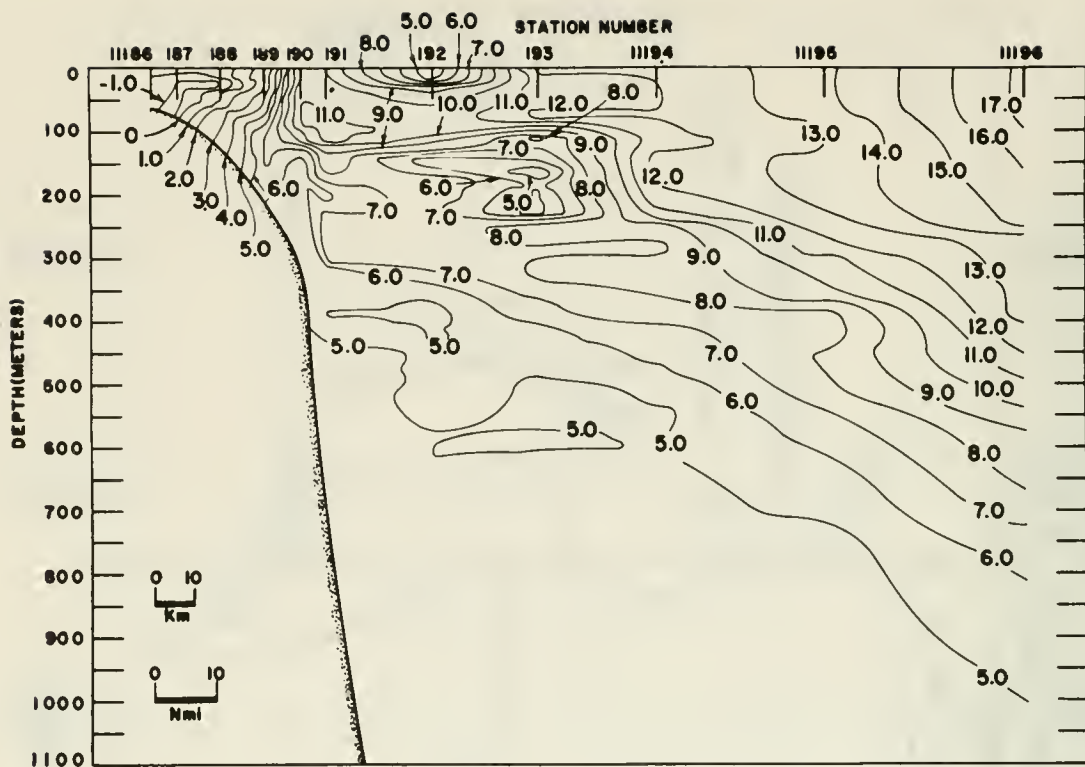


FIGURE 13. Vertical temperature ($^{\circ}\text{C}$) section A4, occupied by CGC EVERGREEN, 7-8 April 1973.

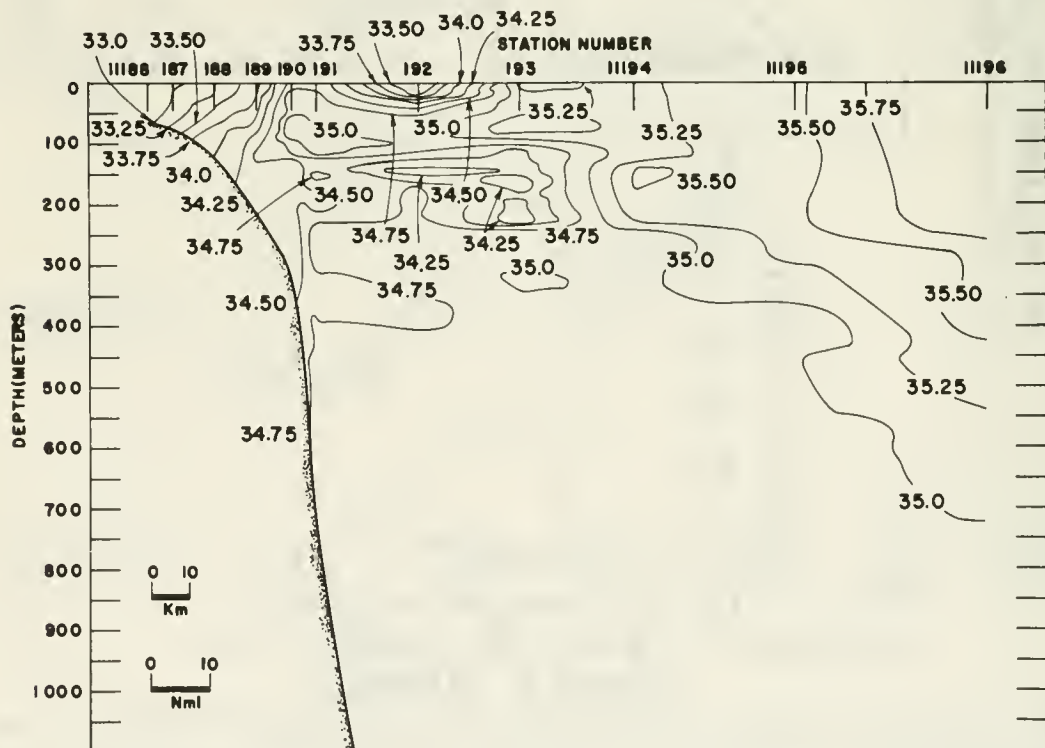


FIGURE 14. Vertical salinity (‰) section A4, occupied by CGC EVERGREEN, 7-8 April 1973.

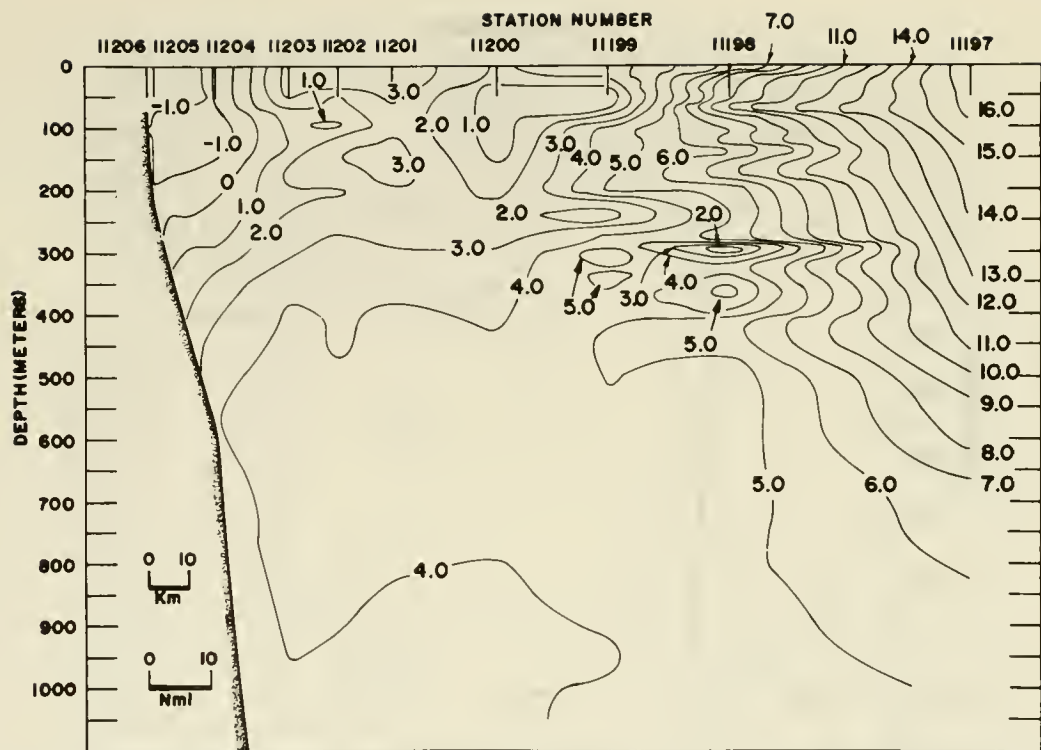


FIGURE 15. Vertical temperature ($^{\circ}\text{C}$) section A3B MOD, occupied by CGC EVERGREEN, 9-10 April 1973.

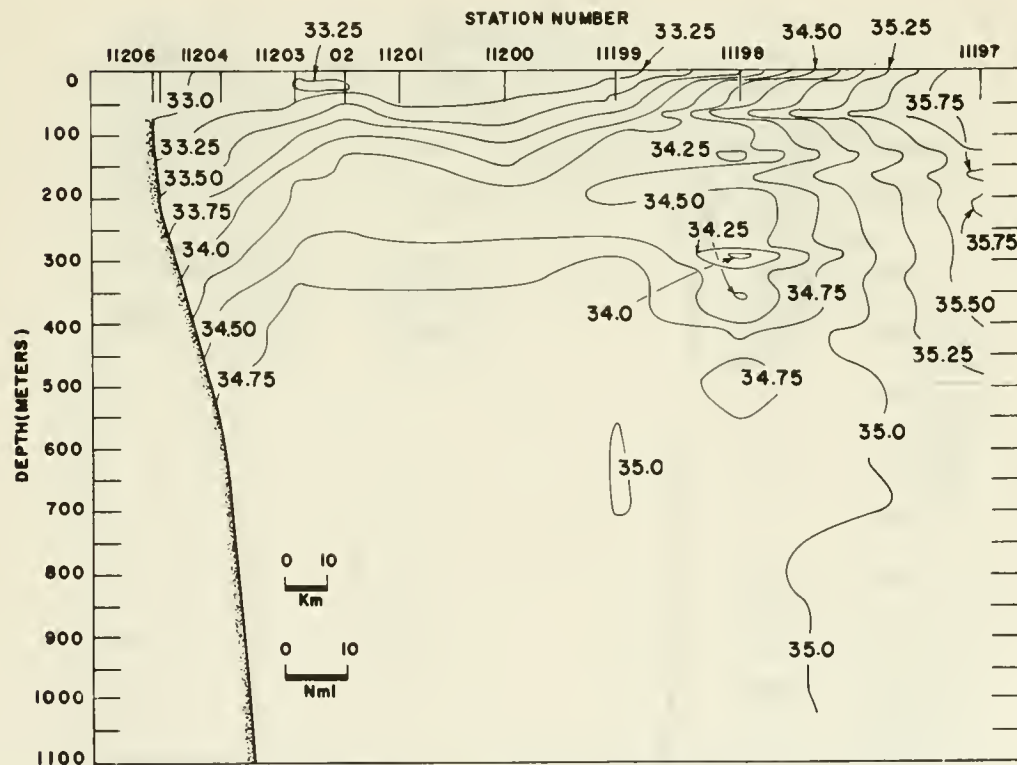


FIGURE 16. Vertical salinity (‰) section A3B MOD, occupied by CGC EVERGREEN, 9-10 April 1973.

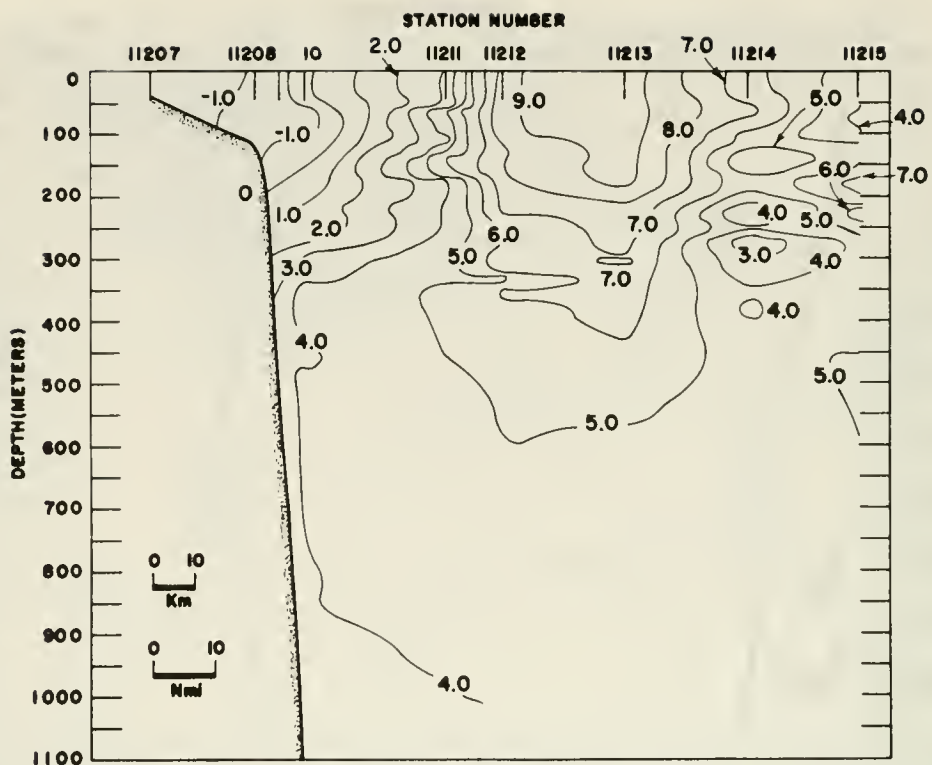


FIGURE 17. Vertical temperature ($^{\circ}\text{C}$) section A3A, occupied by CGC EVERGREEN, 10-11 April 1973.

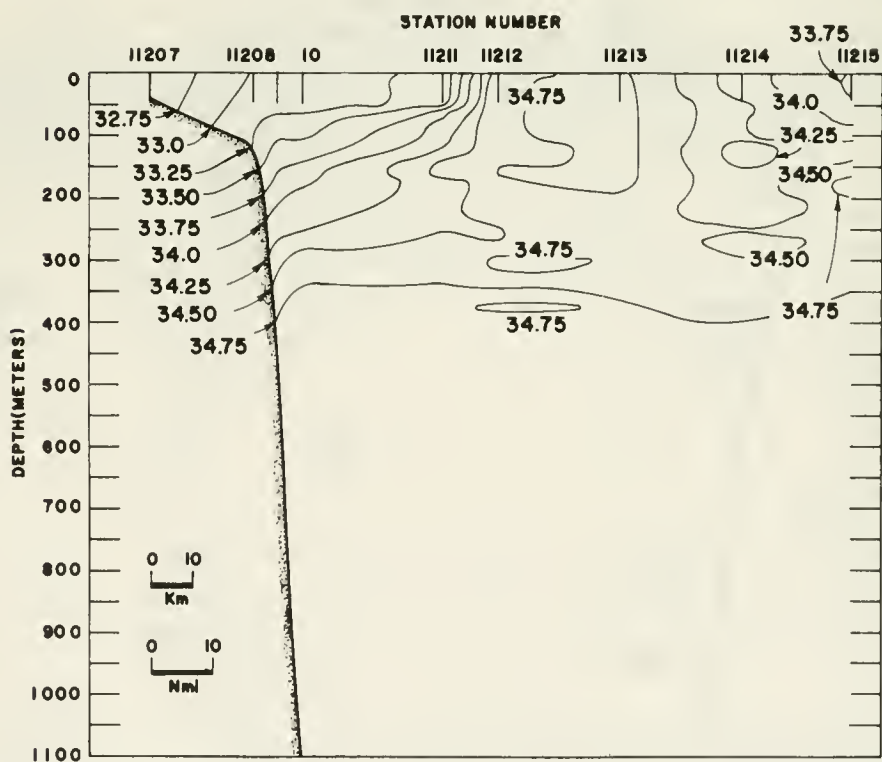


FIGURE 18. Vertical salinity (‰) section A3A, occupied by CGC EVERGREEN, 10-11 April 1973.

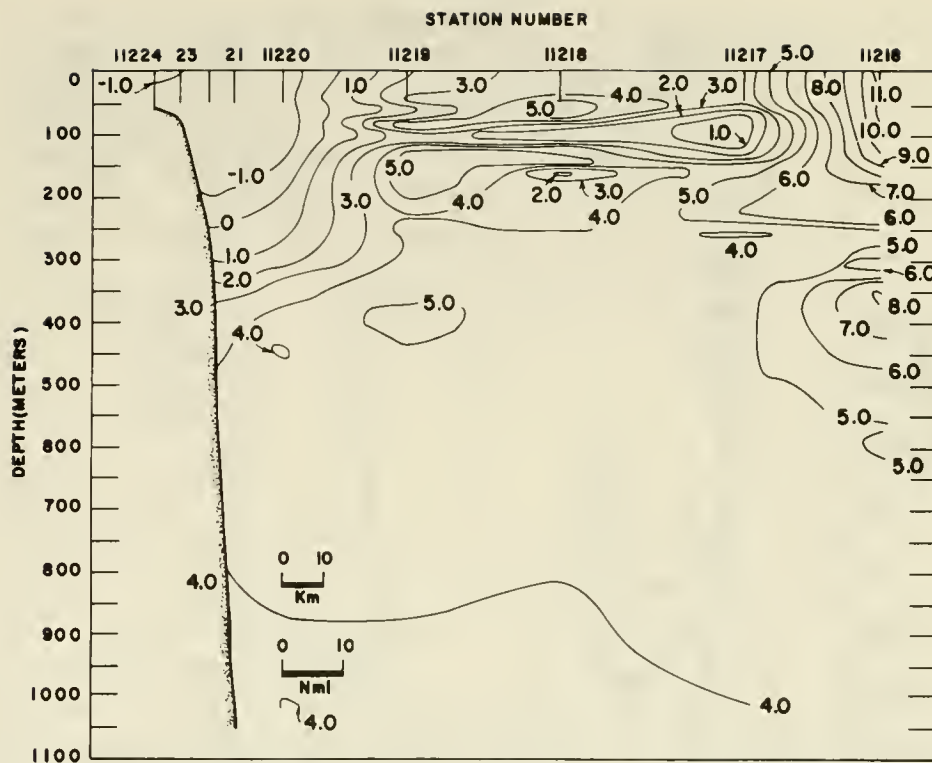


FIGURE 19. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 11-12 April 1973.

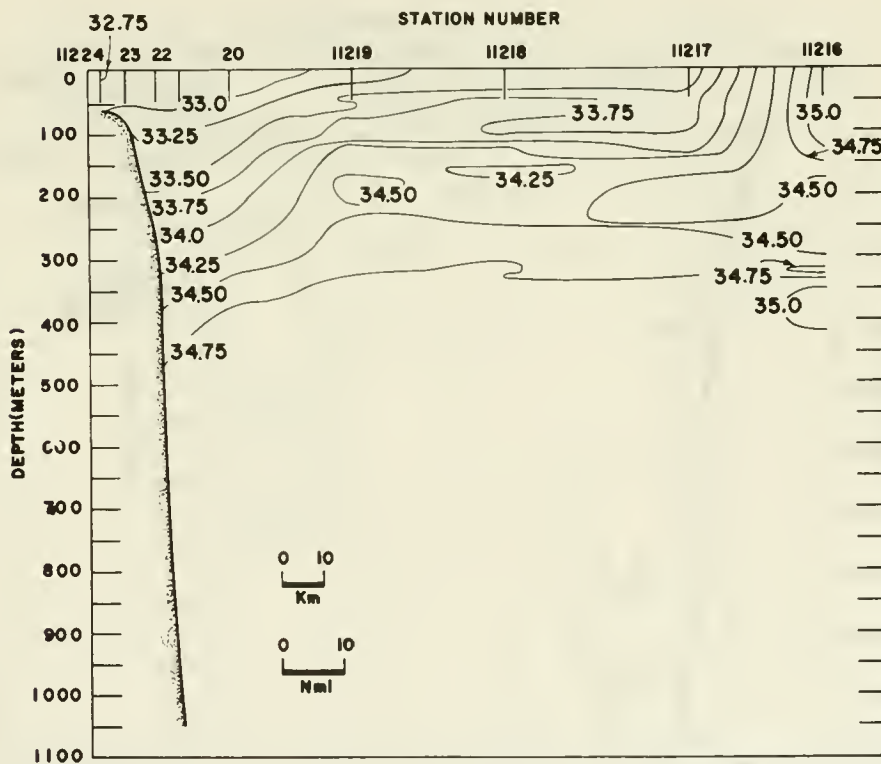


FIGURE 20. Vertical salinity (‰) section A3, occupied by CGC EVERGREEN, 11-12 April 1973.

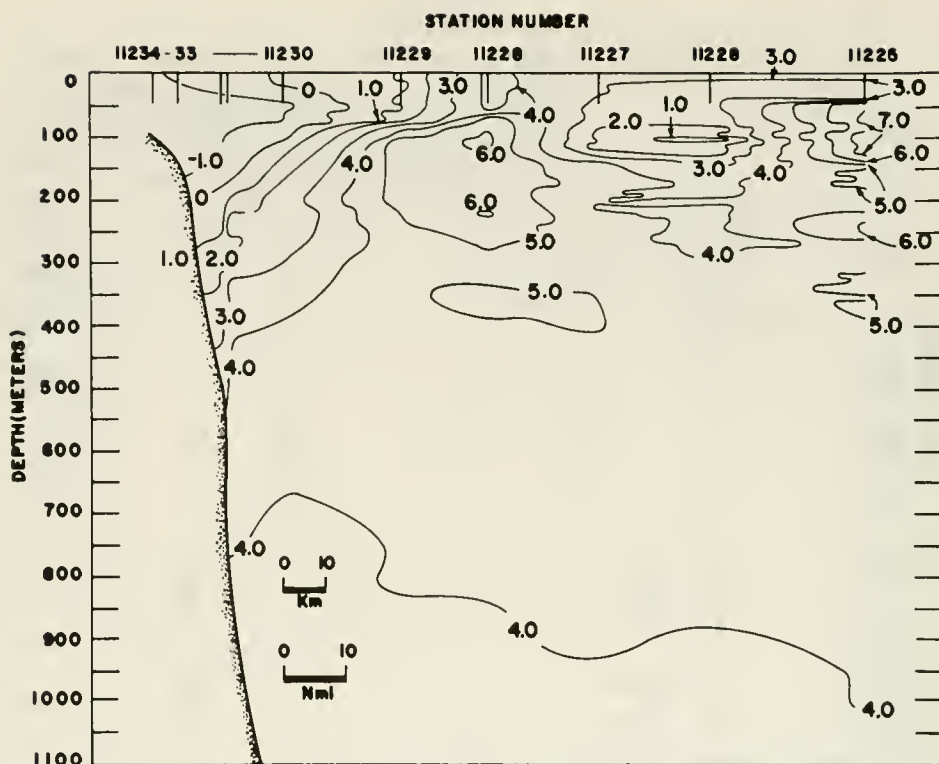


FIGURE 21. Vertical temperature ($^{\circ}\text{C}$) section A2B, occupied by CGC EVERGREEN, 19-20 April 1973.

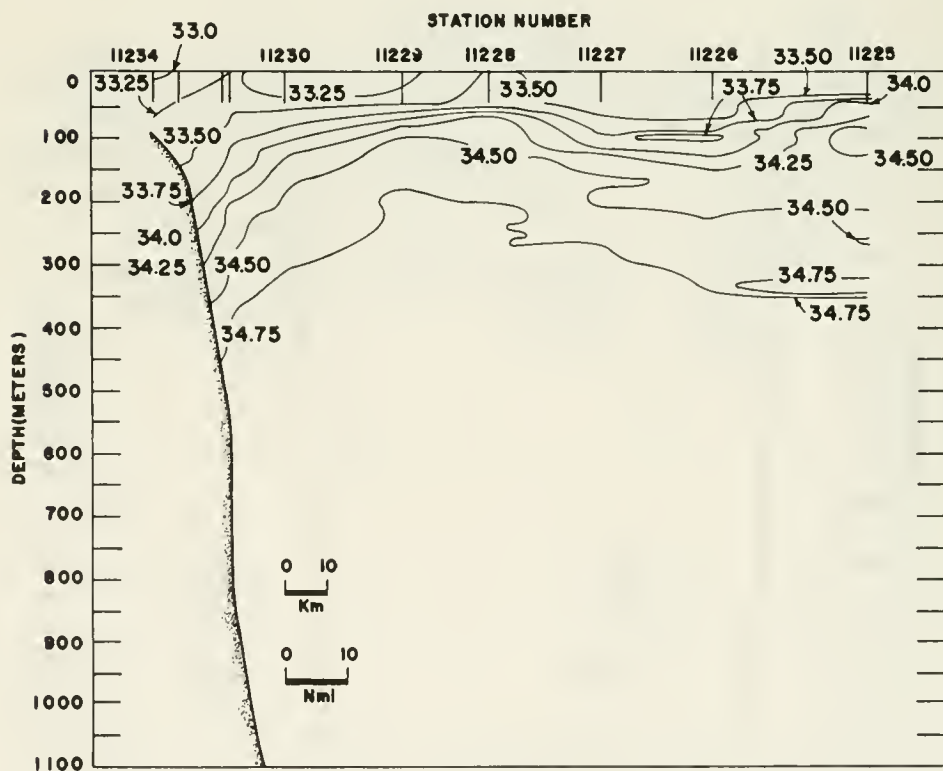


FIGURE 22. Vertical salinity ($^{\circ}/_{\text{oo}}$) section A2B, occupied by CGC EVERGREEN, 19-20 April 1973.

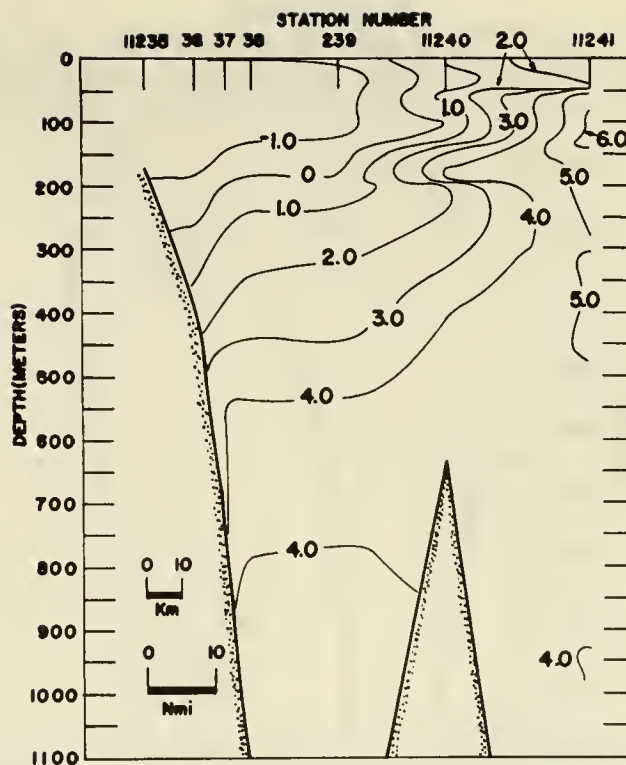


FIGURE 23. Vertical temperature ($^{\circ}\text{C}$) section A2A, occupied by CGC EVERGREEN, 20-21 April 1973.

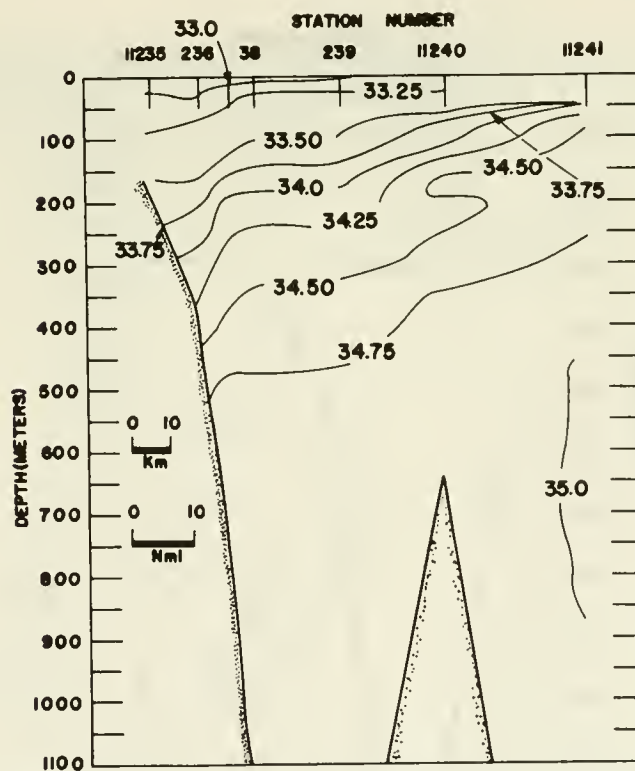


FIGURE 24. Vertical salinity (‰) section A2A, occupied by CGC EVERGREEN, 20-21 April 1973.

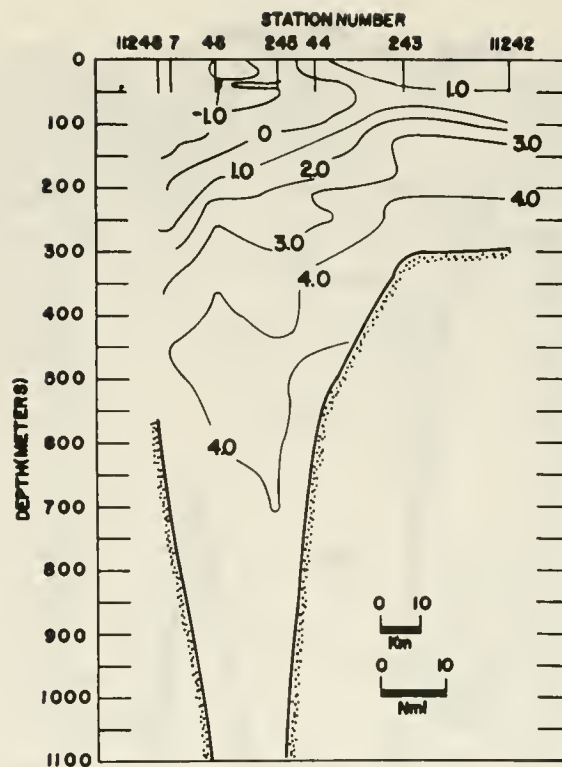


FIGURE 25. Vertical temperature ($^{\circ}\text{C}$) section A2 MOD, occupied by CGC EVERGREEN, 21 April 1973.

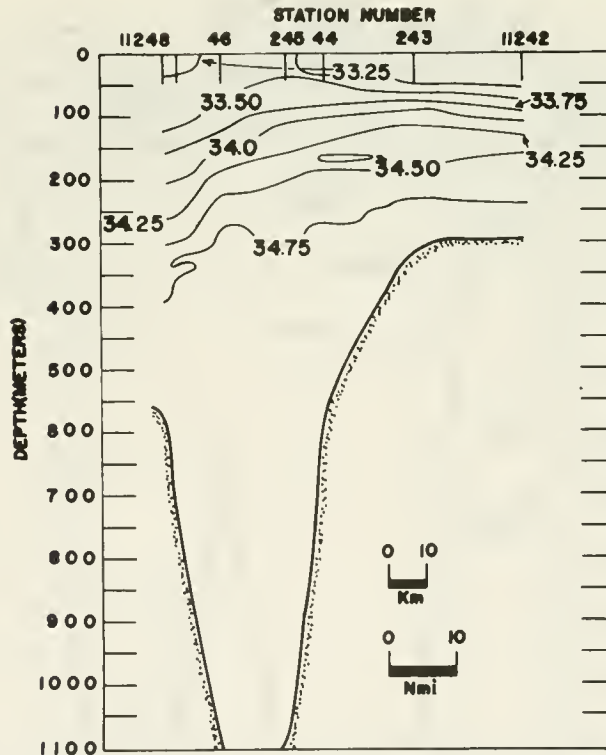


FIGURE 26. Vertical salinity (‰) section A2 MOD, occupied by CGC EVERGREEN, 21 April 1973.

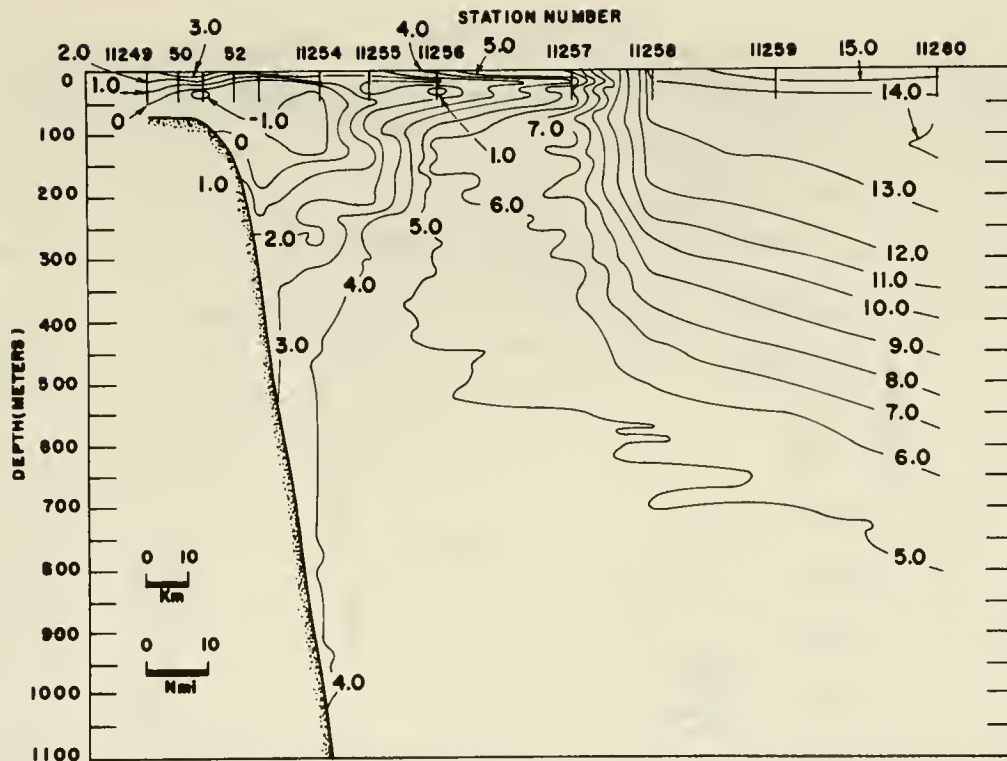


FIGURE 27. Vertical temperature ($^{\circ}\text{C}$) section A4, occupied by CGC EVERGREEN, 12-13 May 1973.

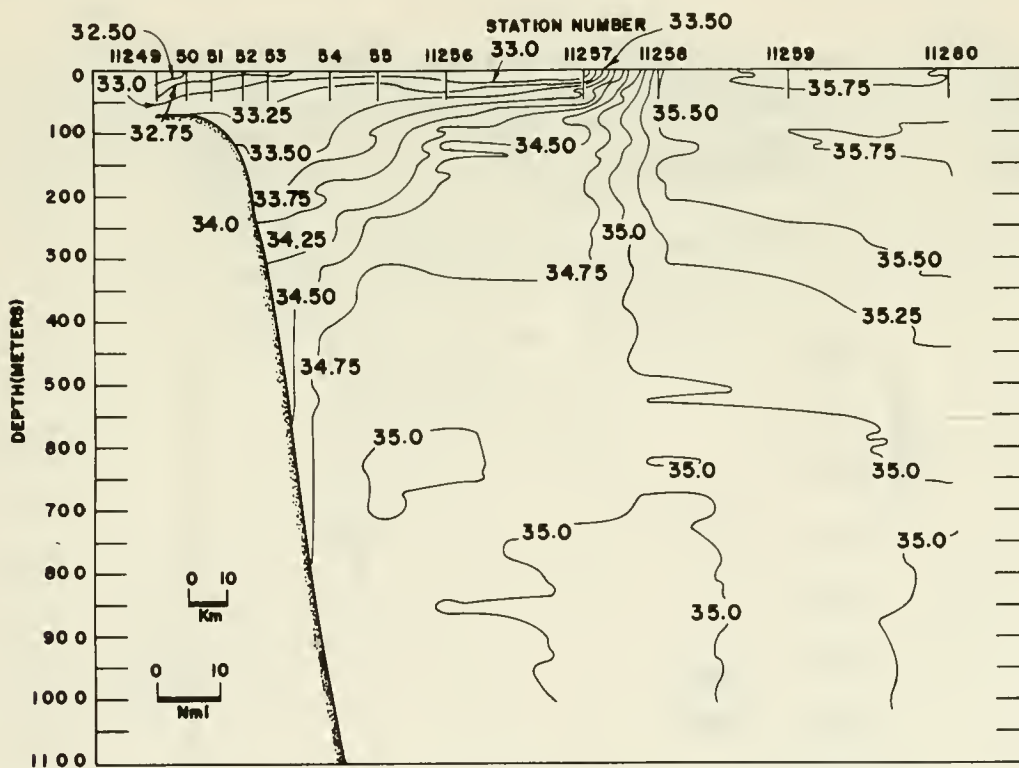


FIGURE 28. Vertical salinity (‰) section A4, occupied by CGC EVERGREEN, 12-13 May 1973.

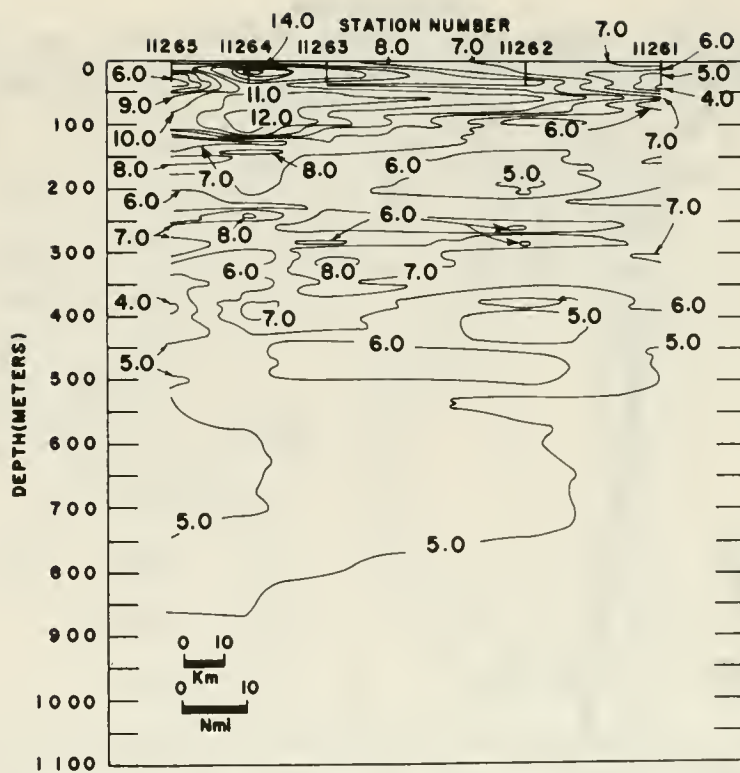


FIGURE 29. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 13-14 May 1973.

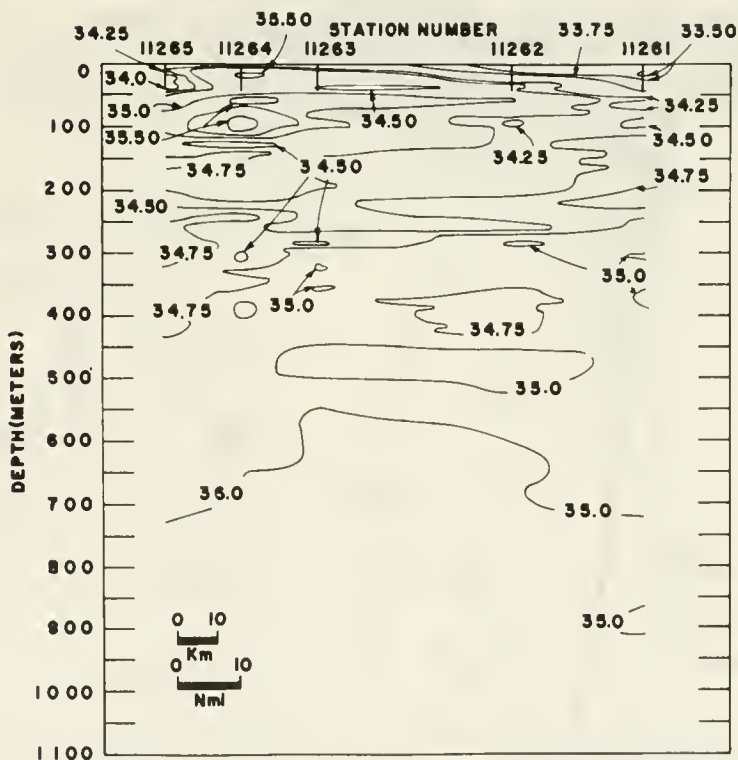


FIGURE 30. Vertical salinity (‰) section A3, occupied by CGC EVERGREEN, 13-14 May 1973.

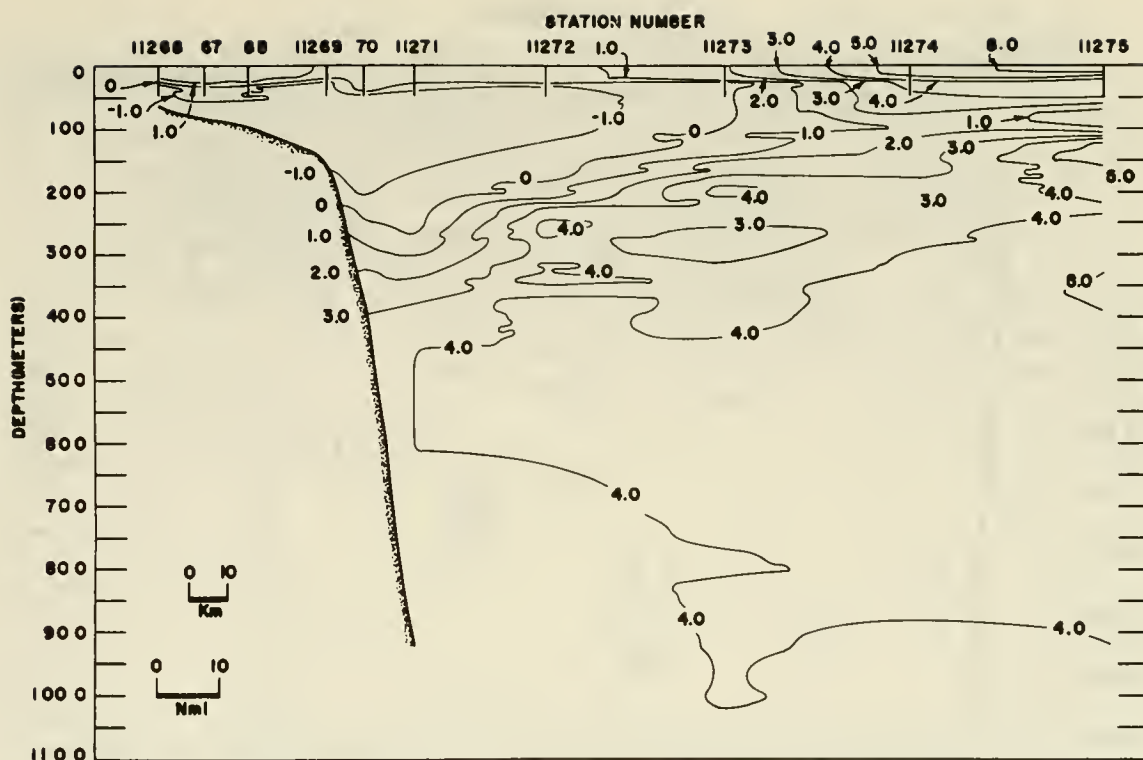


FIGURE 31. Vertical temperature ($^{\circ}\text{C}$) section A2B, occupied by CGC EVERGREEN, 18-19 May 1973.

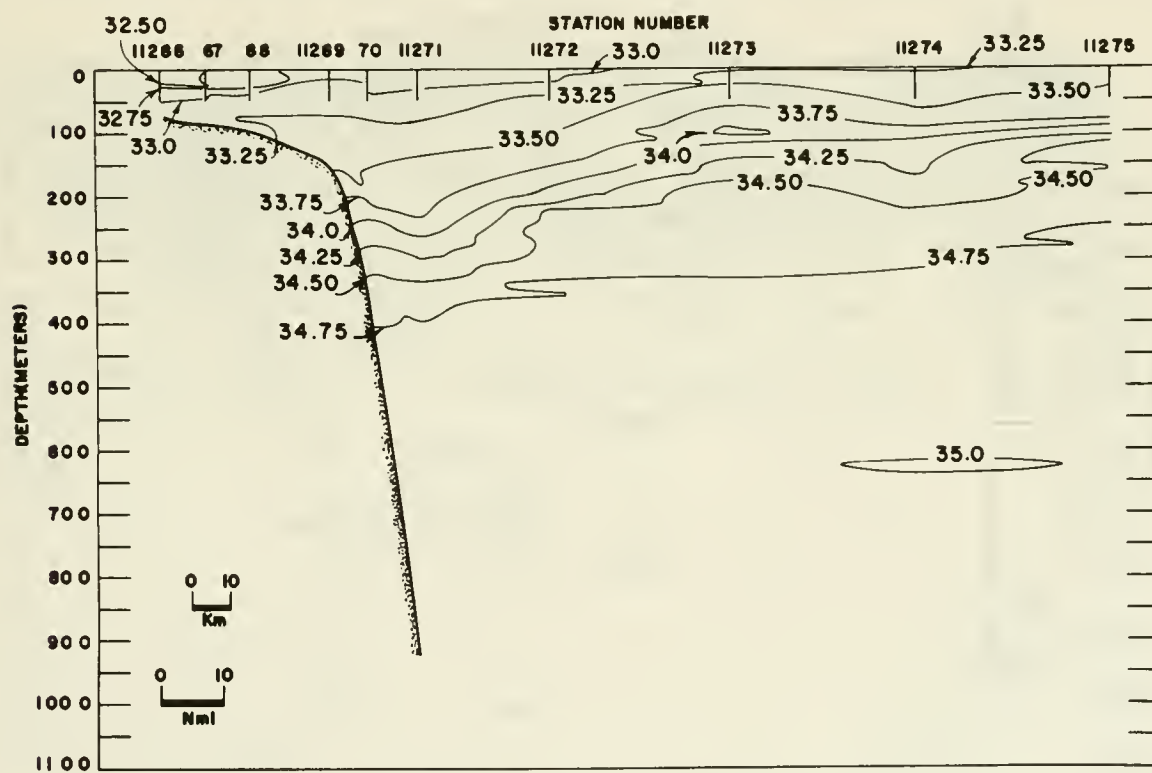


FIGURE 32. Vertical salinity (‰) section A2B, occupied by CGC EVERGREEN, 18-19 May 1973.

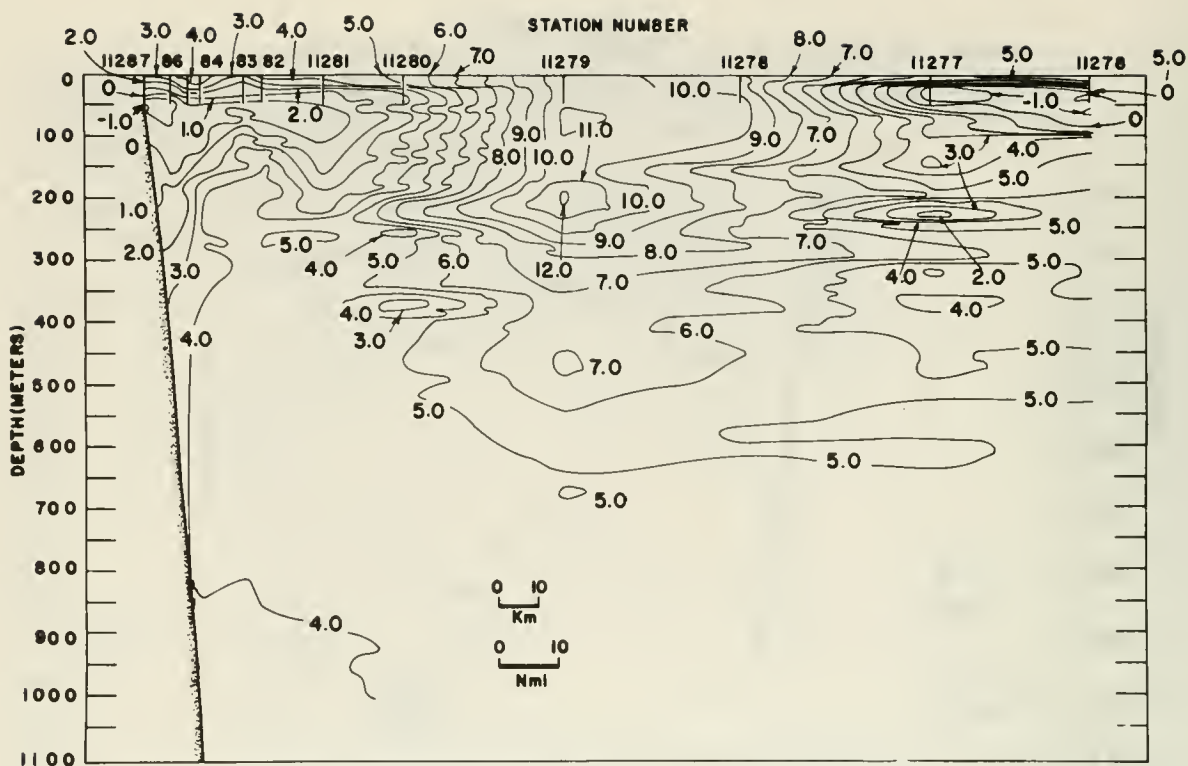


FIGURE 33. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 19-21 May 1973.

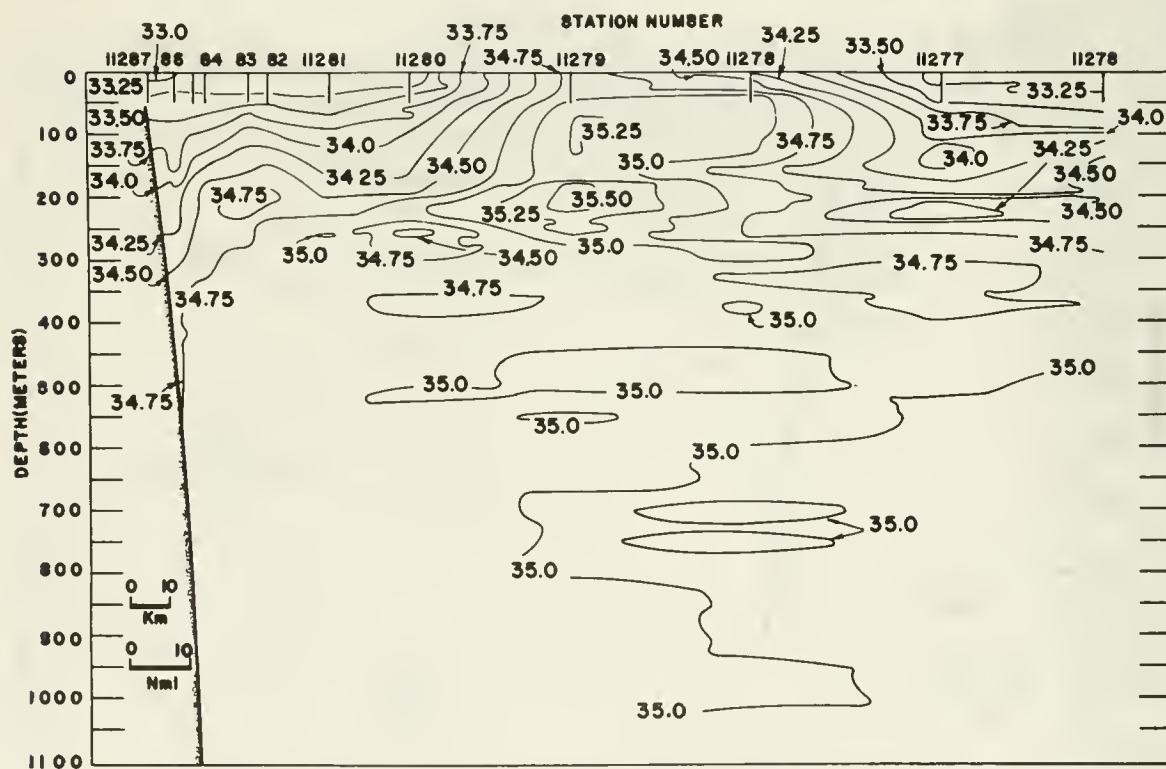


FIGURE 34. Vertical salinity (‰) section A3, occupied by CGC EVERGREEN, 19-21 May 1973.

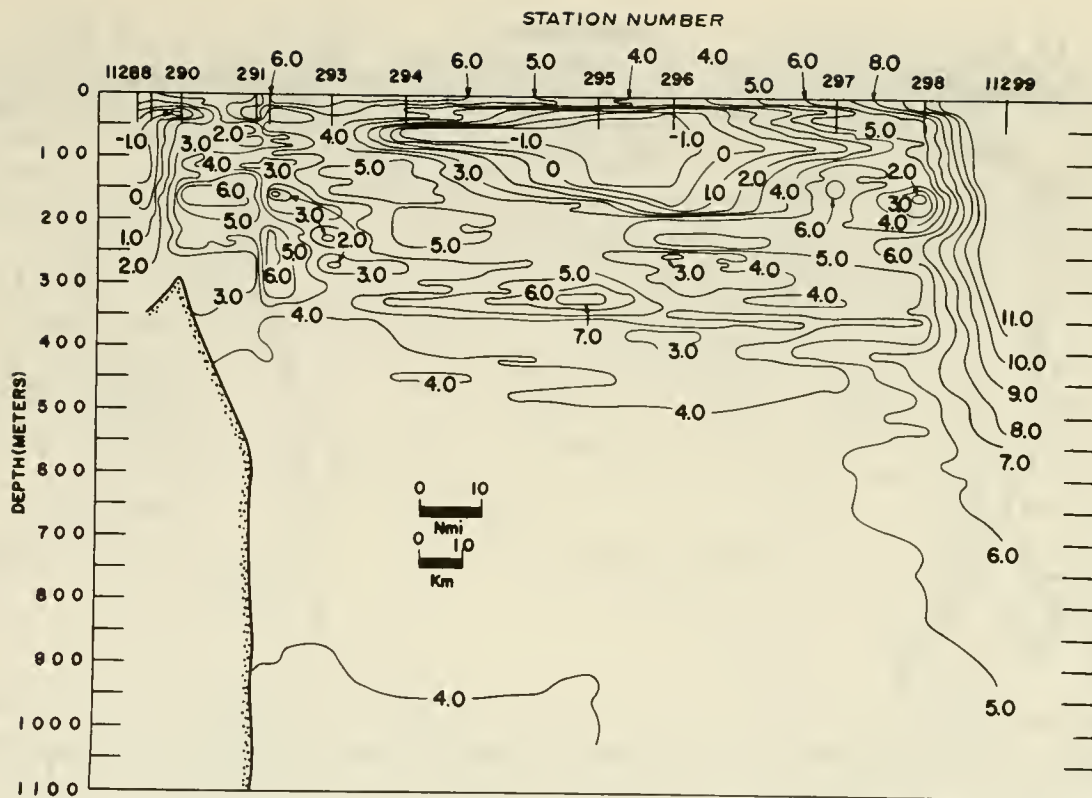


FIGURE 35. Vertical temperature ($^{\circ}\text{C}$) section A3A, occupied by CGC EVERGREEN, 21-22 May 1973.

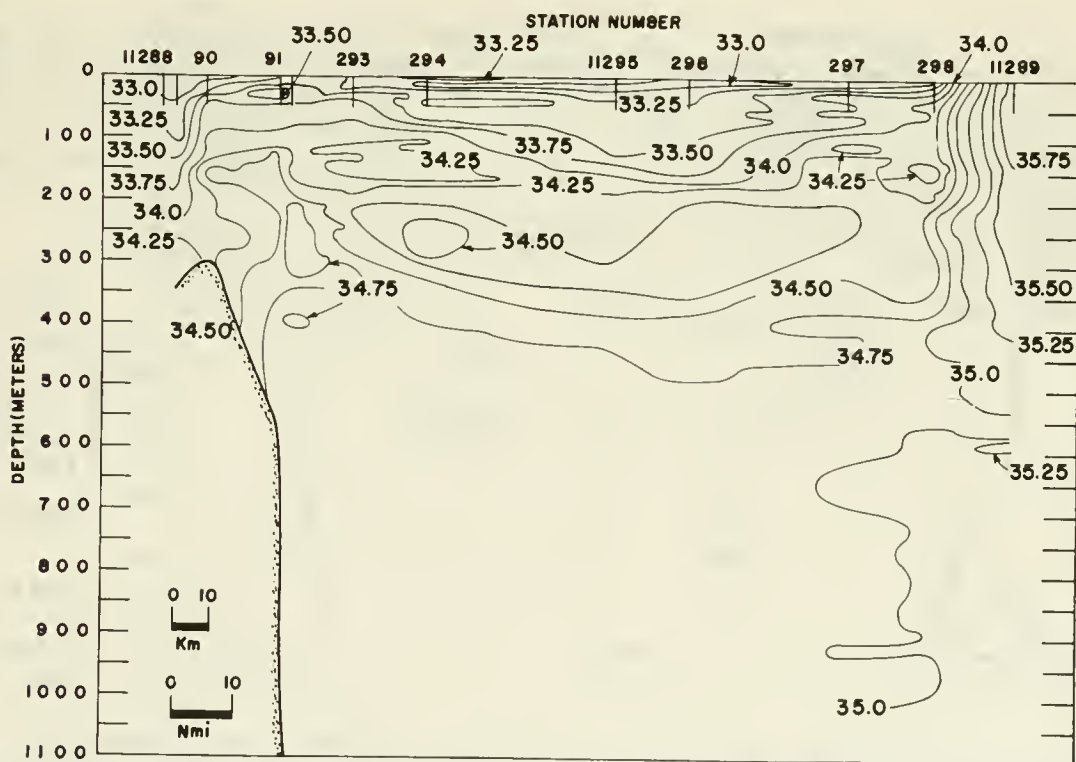


FIGURE 36. Vertical salinity (‰) section A3A, occupied by CGC EVERGREEN, 21-22 May 1973.

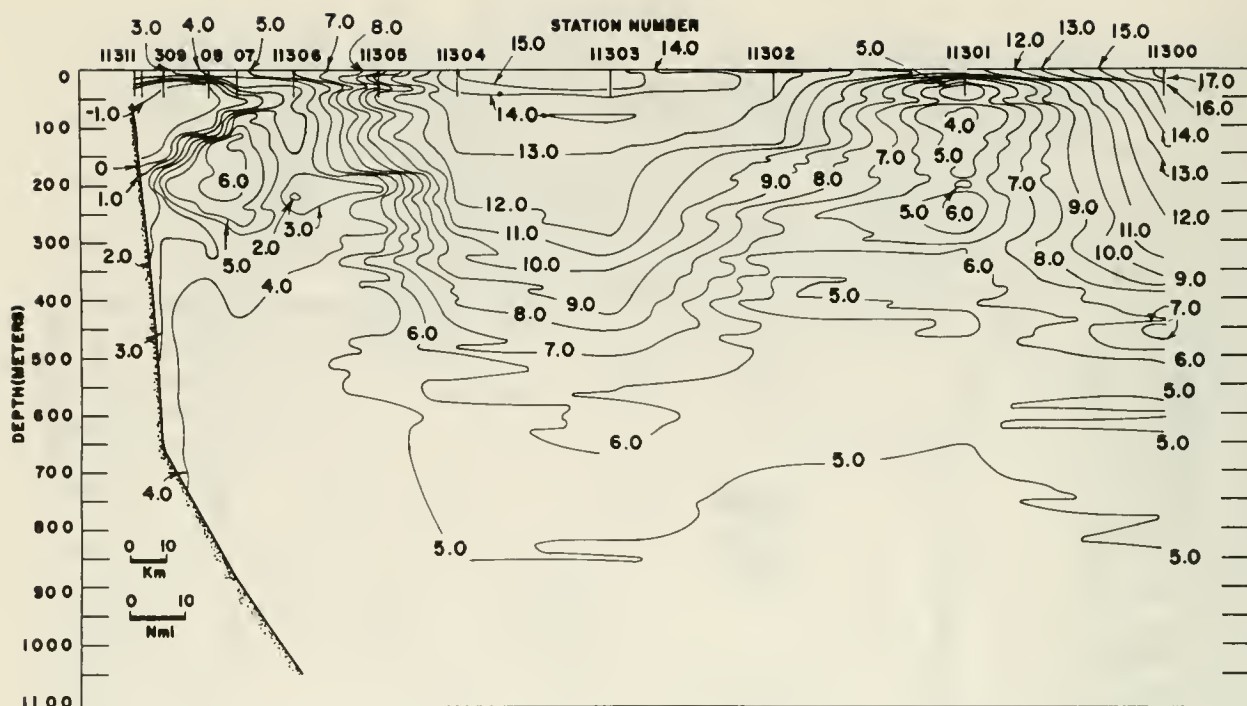


FIGURE 37. Vertical temperature ($^{\circ}\text{C}$) section A3B MOD, occupied by CGC EVERGREEN, 22-23 May 1973.

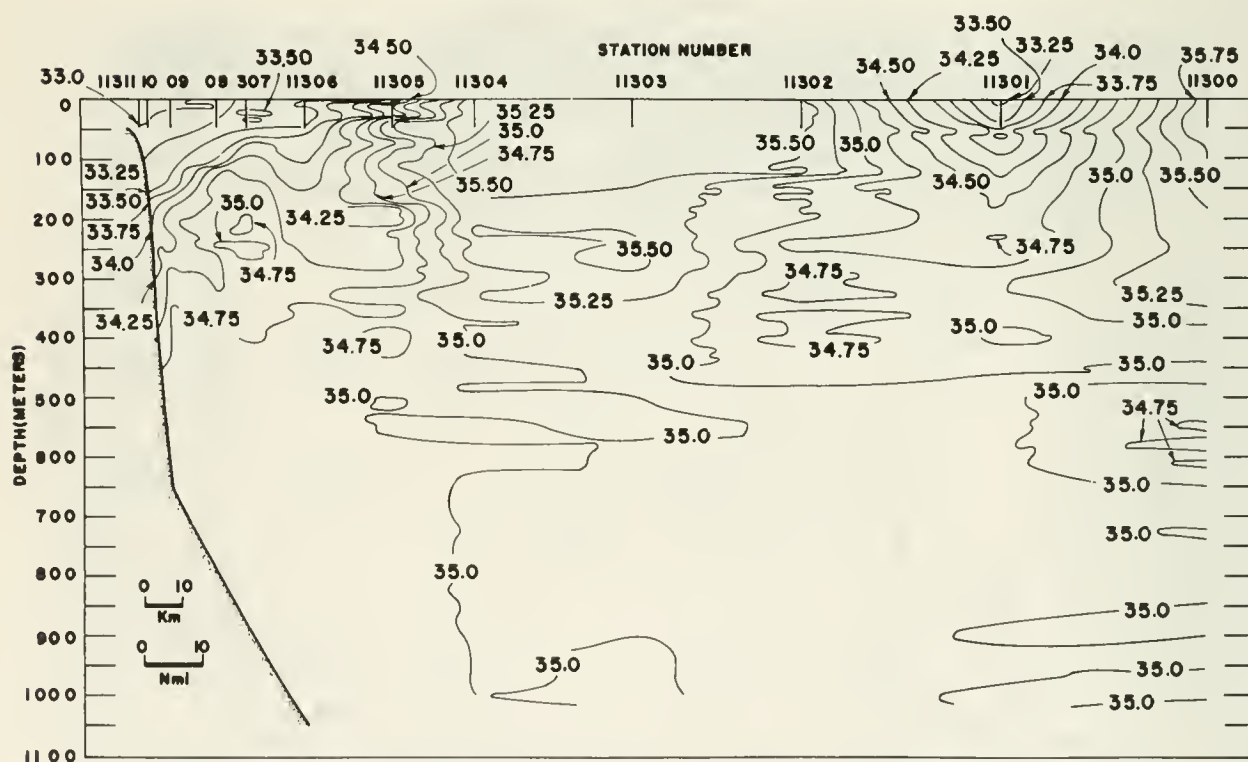


FIGURE 38. Vertical salinity (‰) section A3B MOD, occupied by CGC EVERGREEN, 22-23 May 1973.

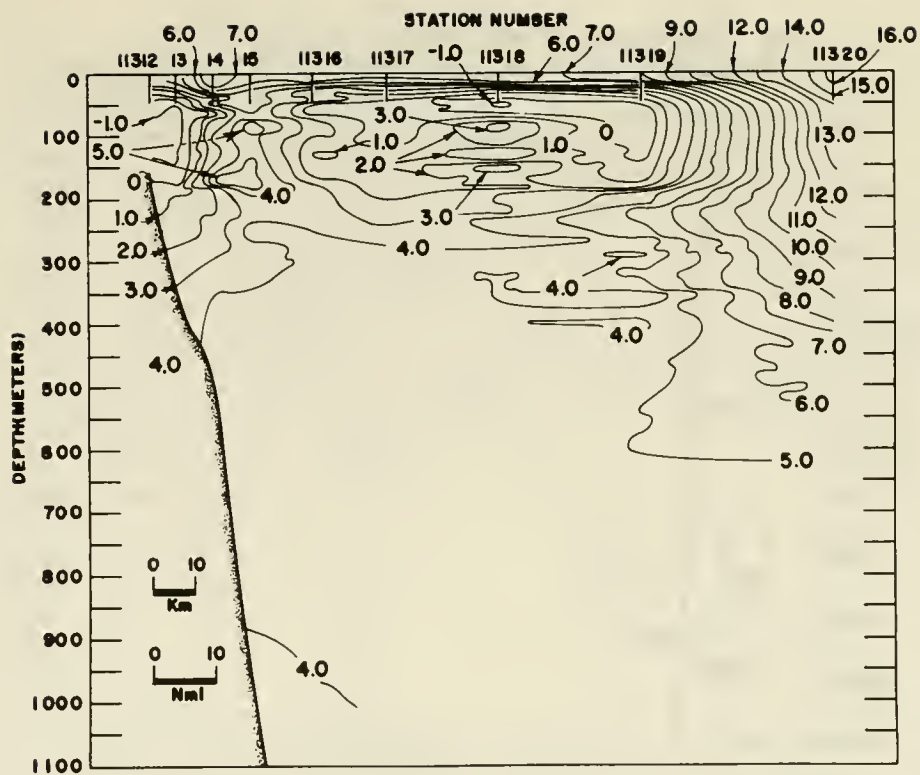


FIGURE 39. Vertical temperature ($^{\circ}\text{C}$) section A3C, occupied by CGC EVERGREEN, 23-24 May 1973.

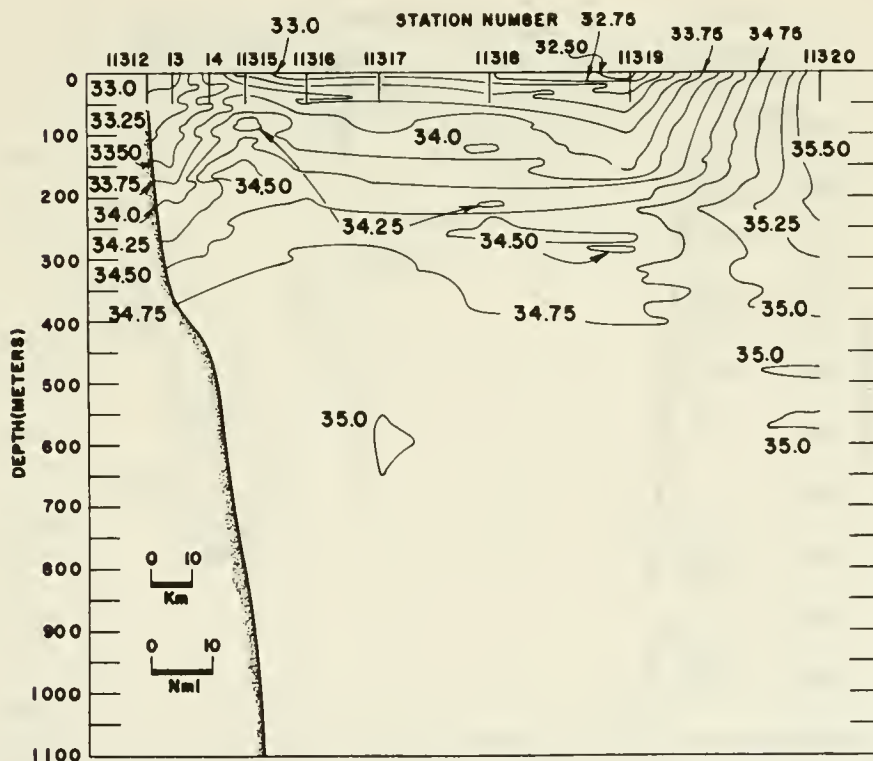


FIGURE 40. Vertical salinity (‰) section A3C, occupied by CGC EVERGREEN, 23-24 May 1973.

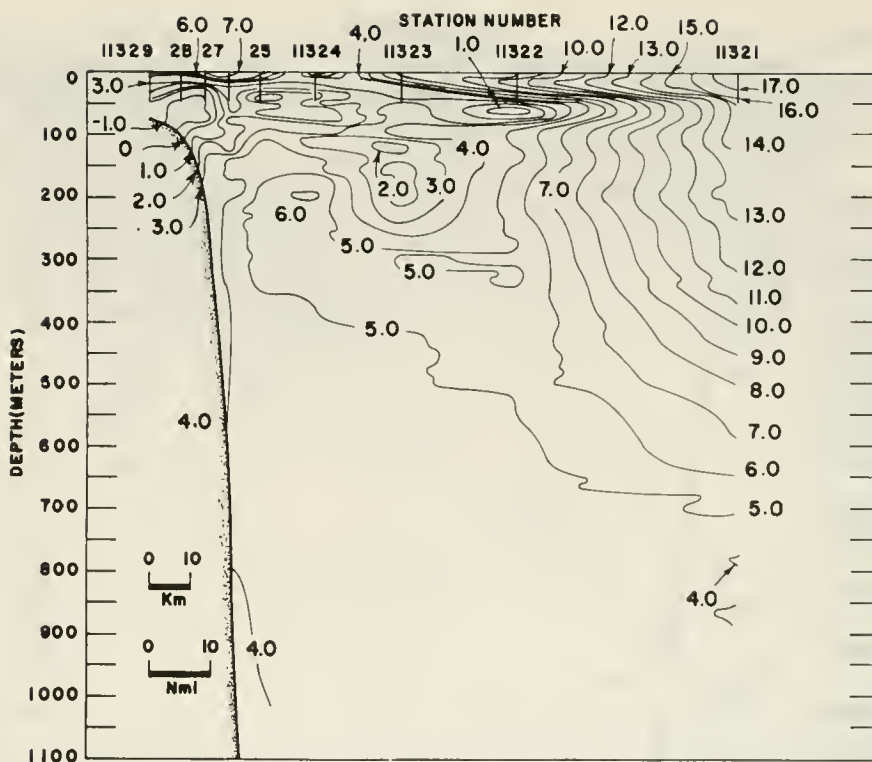


FIGURE 41. Vertical temperature ($^{\circ}\text{C}$) section A4, occupied by CGC EVERGREEN, 24-25 May 1973.

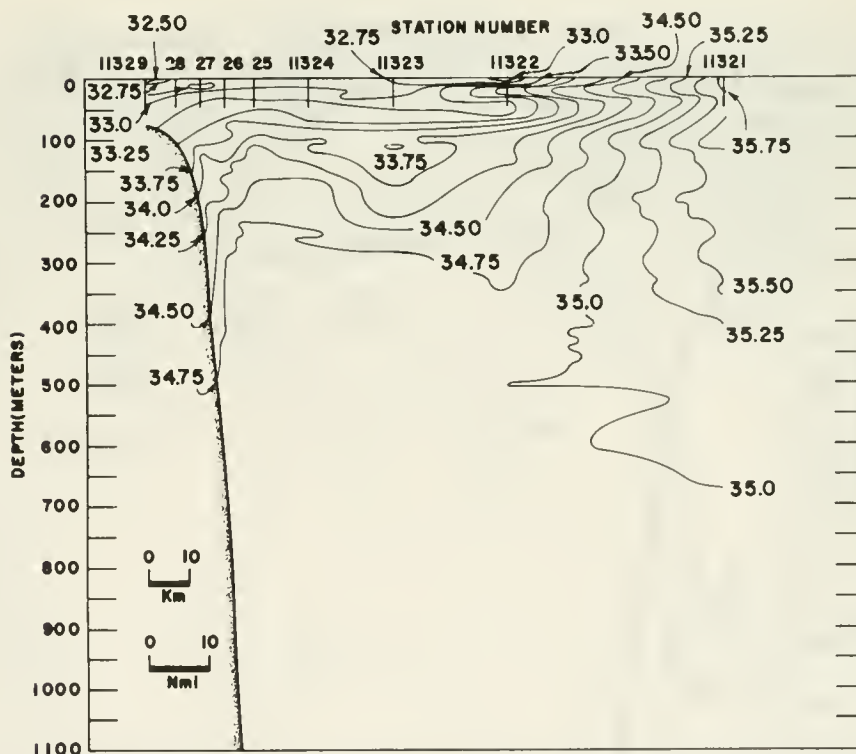


FIGURE 42. Vertical salinity (‰) section A4, occupied by CGC EVERGREEN, 24-25 May 1973.

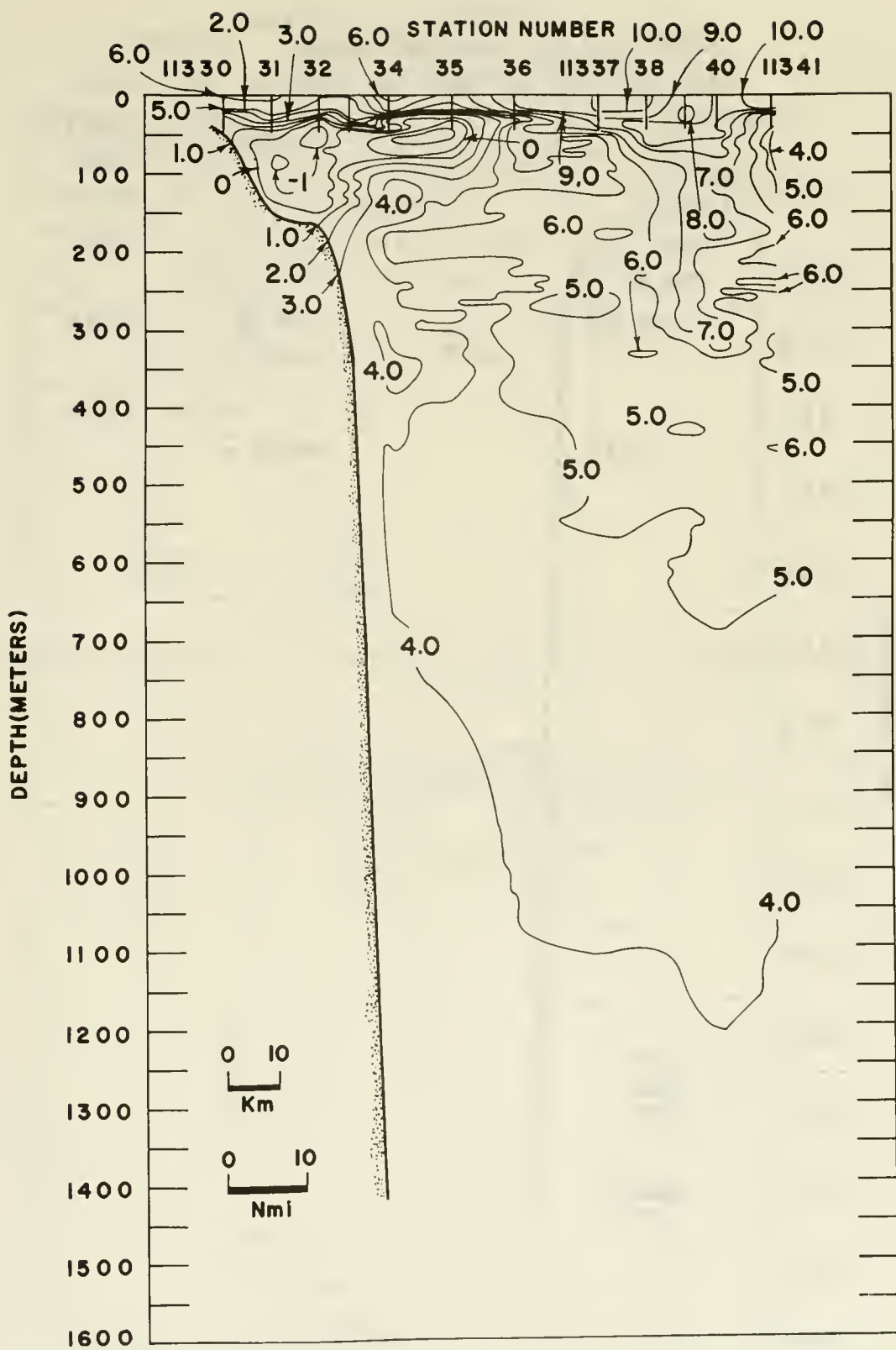


FIGURE 43. Vertical temperature ($^{\circ}\text{C}$) section 1, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 17-18 June 1973.

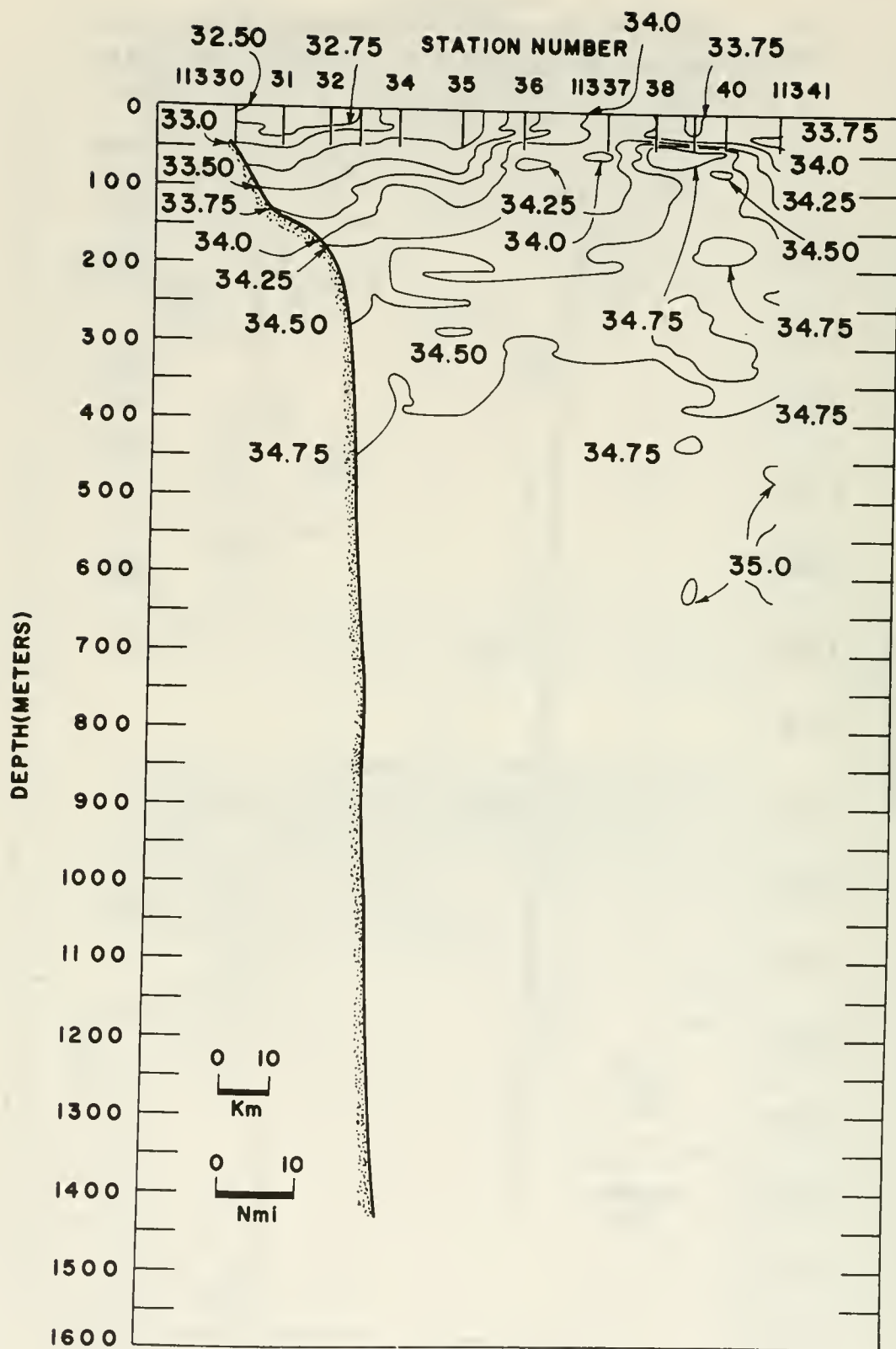


FIGURE 44. Vertical salinity (‰) section 1, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 17-18 June 1973.

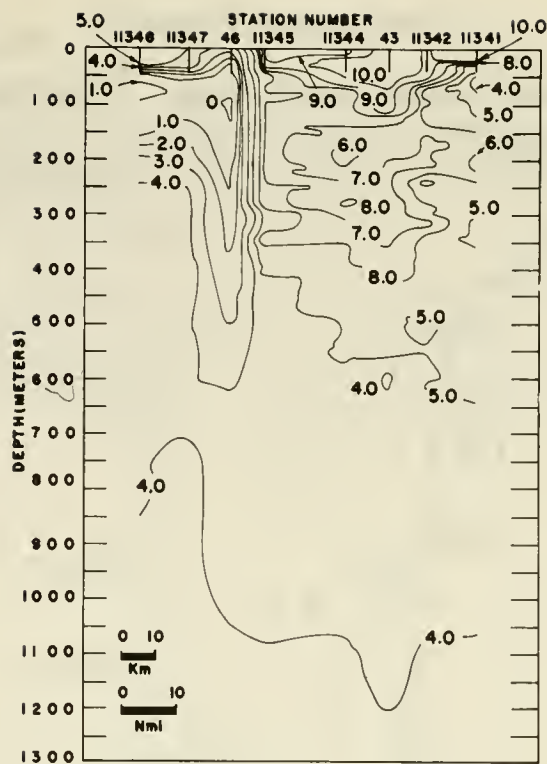


FIGURE 45. Vertical temperature ($^{\circ}\text{C}$) section 2, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 18-19 June 1973.

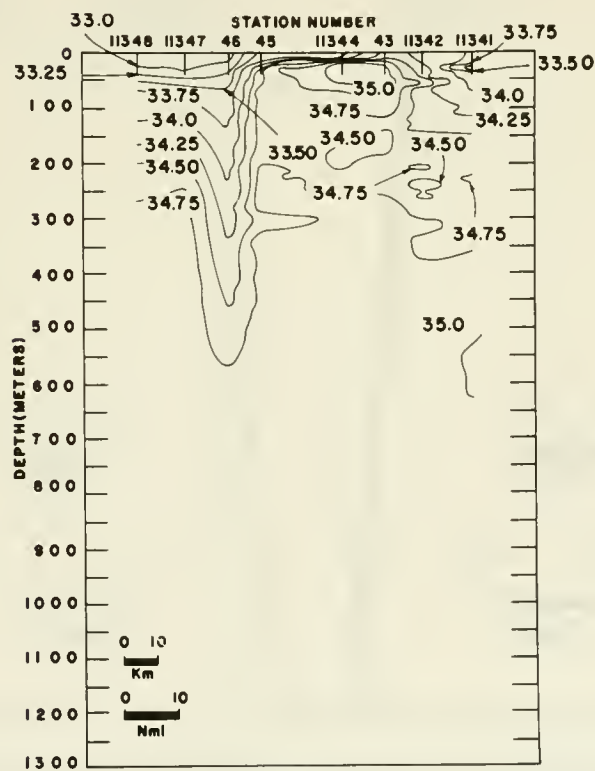


FIGURE 46. Vertical salinity (‰) section 2, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 18-19 June 1973.

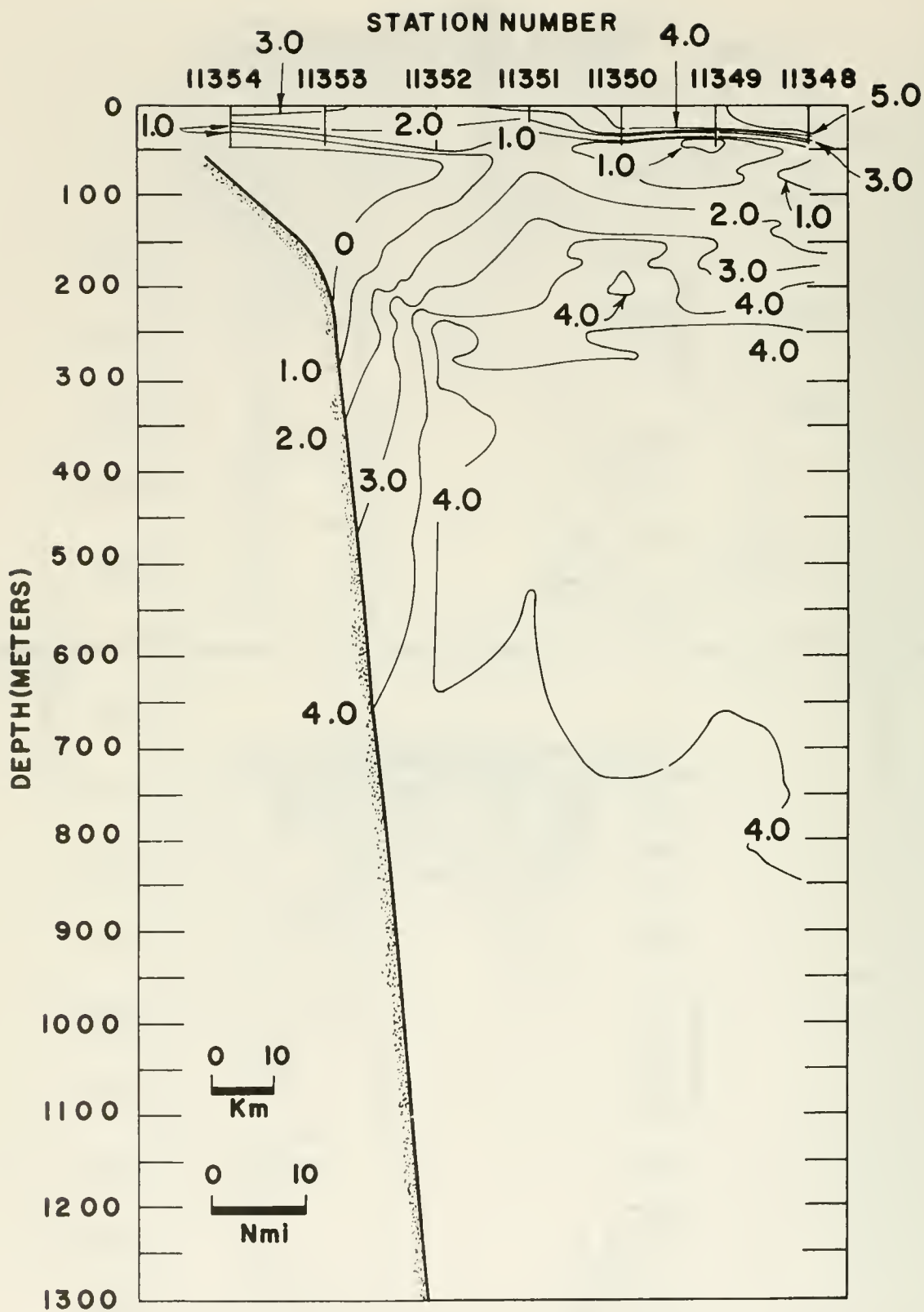


FIGURE 47. Vertical temperature ($^{\circ}\text{C}$) section 3, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 19-20 June 1973.

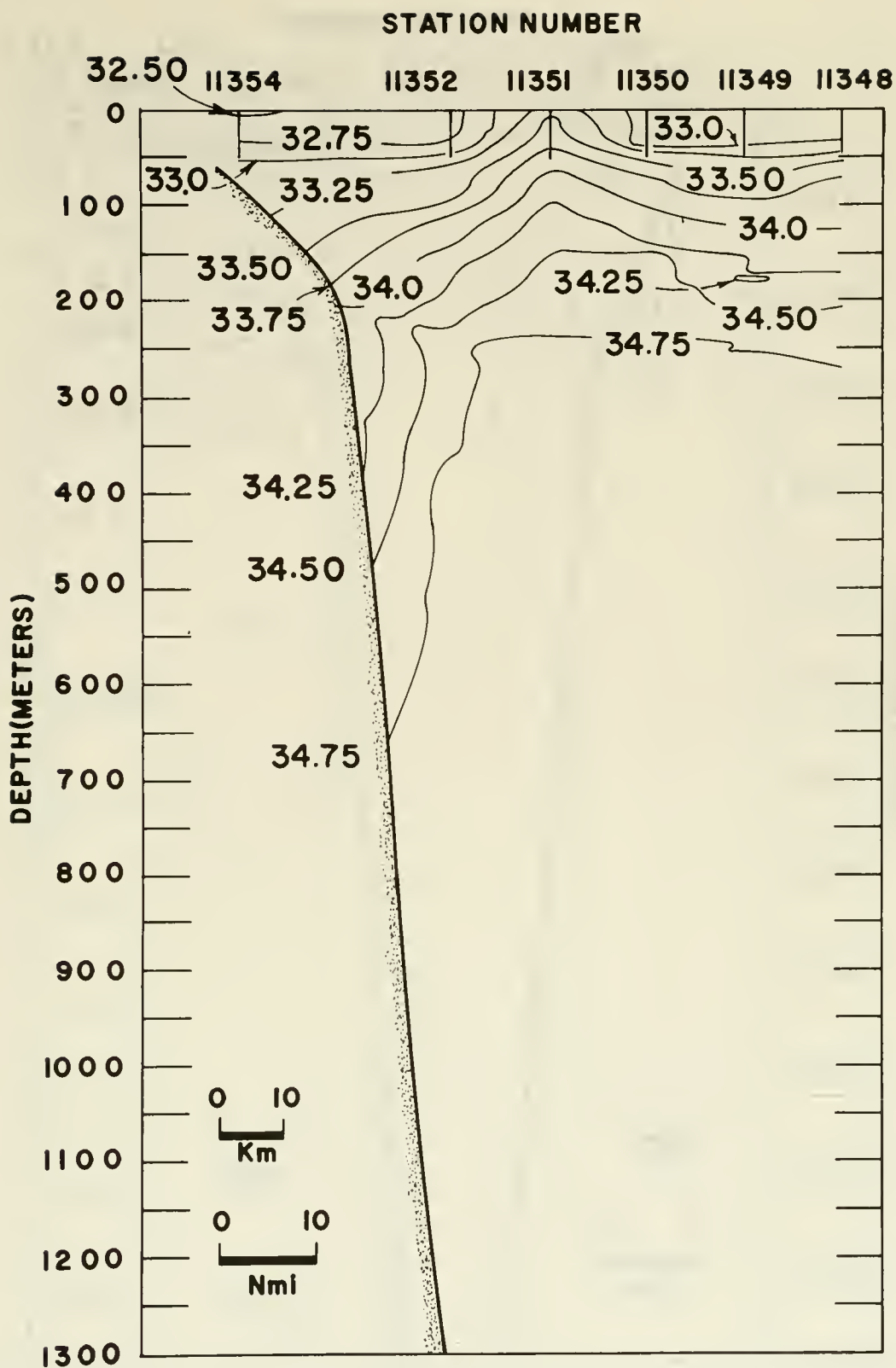


FIGURE 48. Vertical salinity (‰) section 3, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 19-20 June 1973.

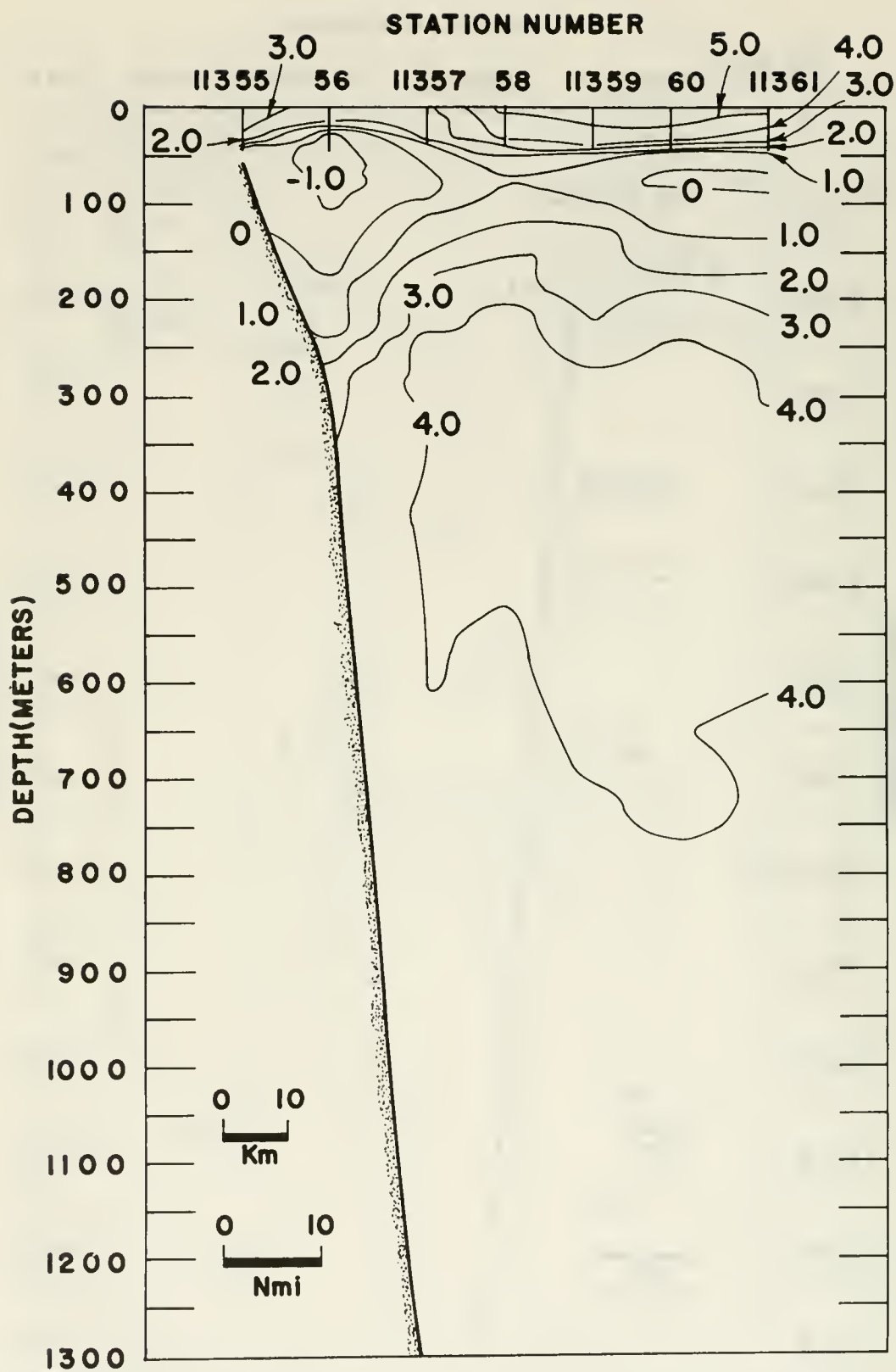


FIGURE 49. Vertical temperature ($^{\circ}\text{C}$) section 4, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 20-21 June 1973.

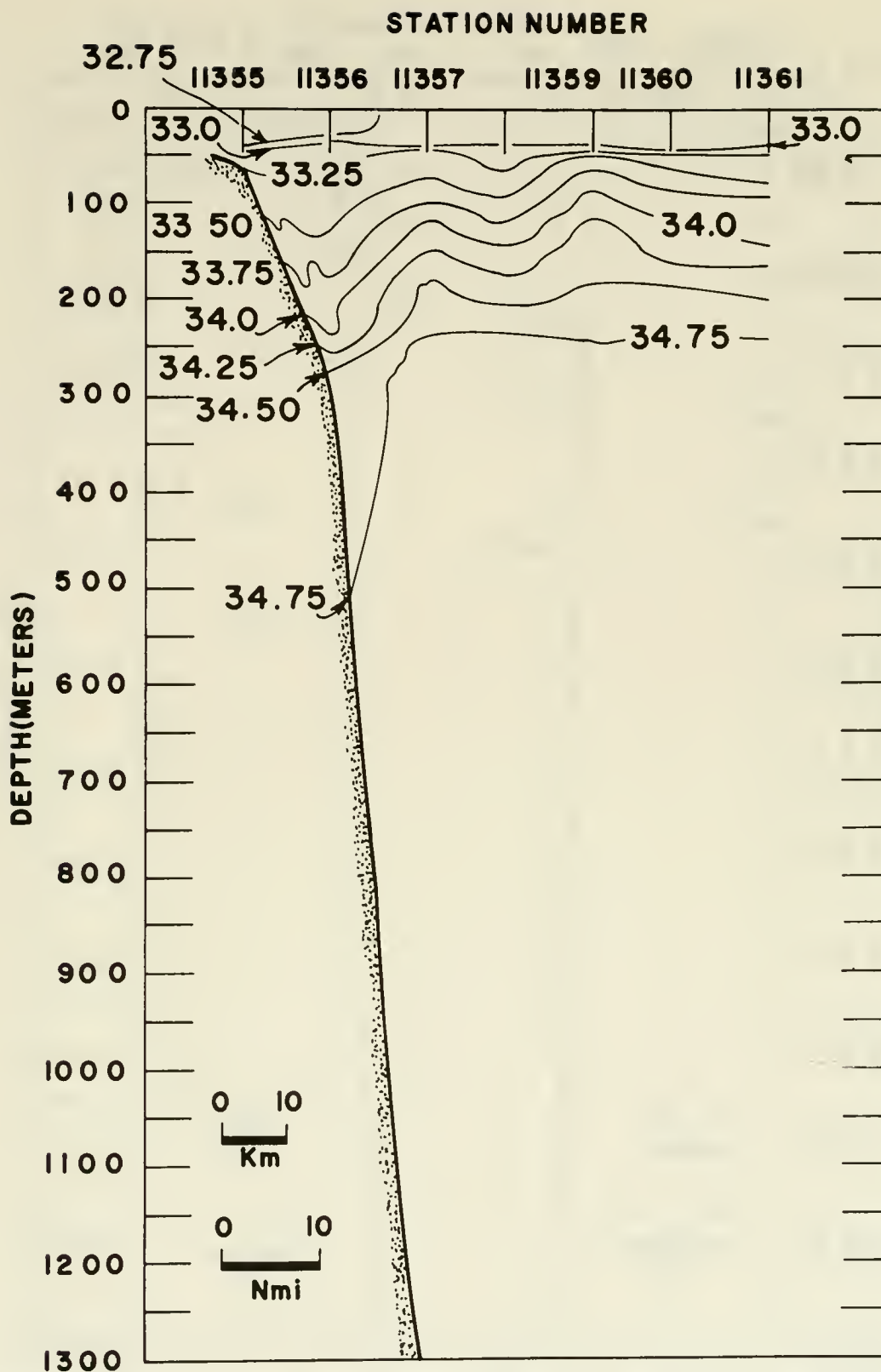


FIGURE 50. Vertical salinity (‰) section 4, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 20-21 June 1973.

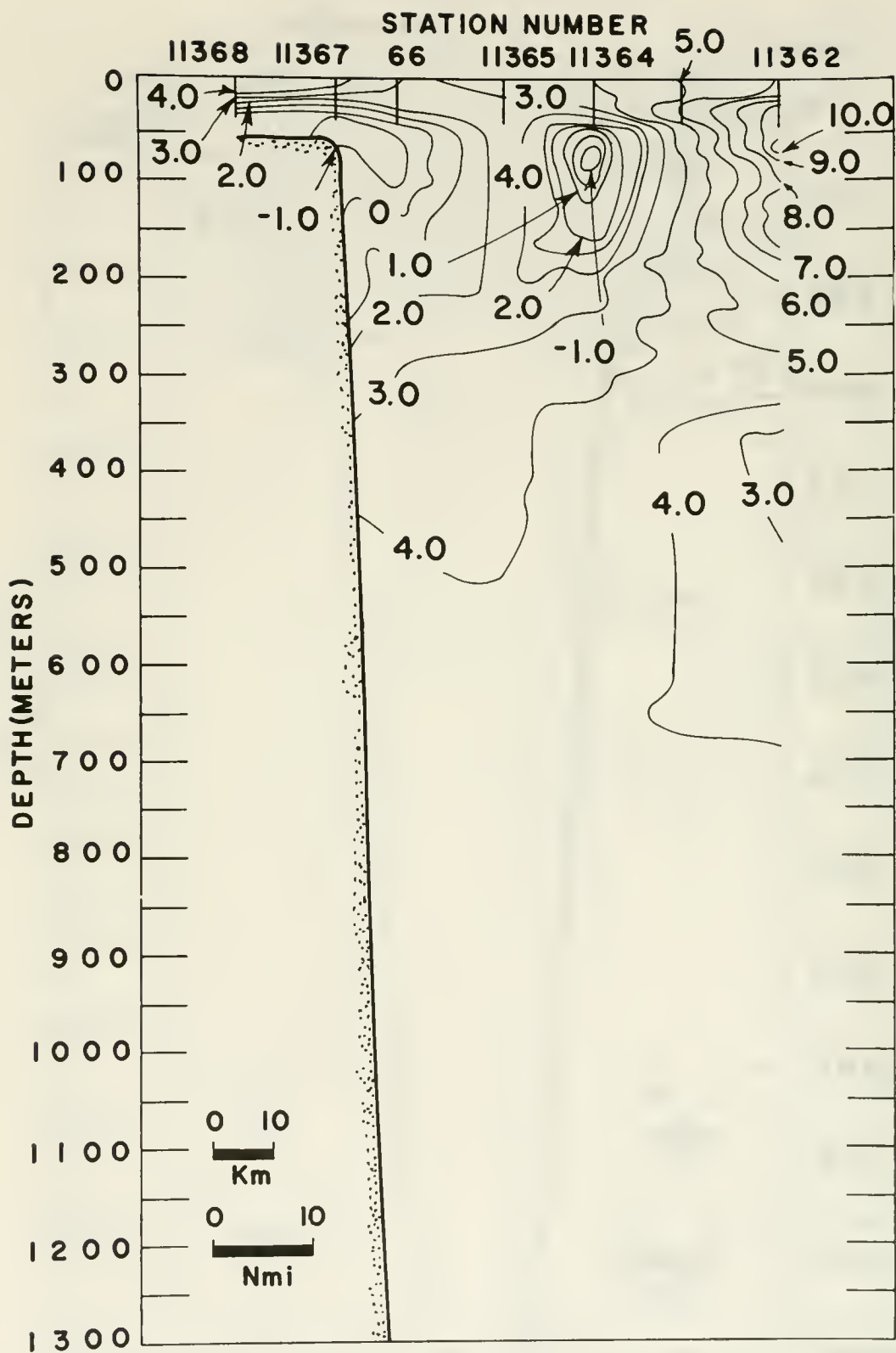


FIGURE 51. Vertical temperature ($^{\circ}\text{C}$) section 5, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21 June 1973.

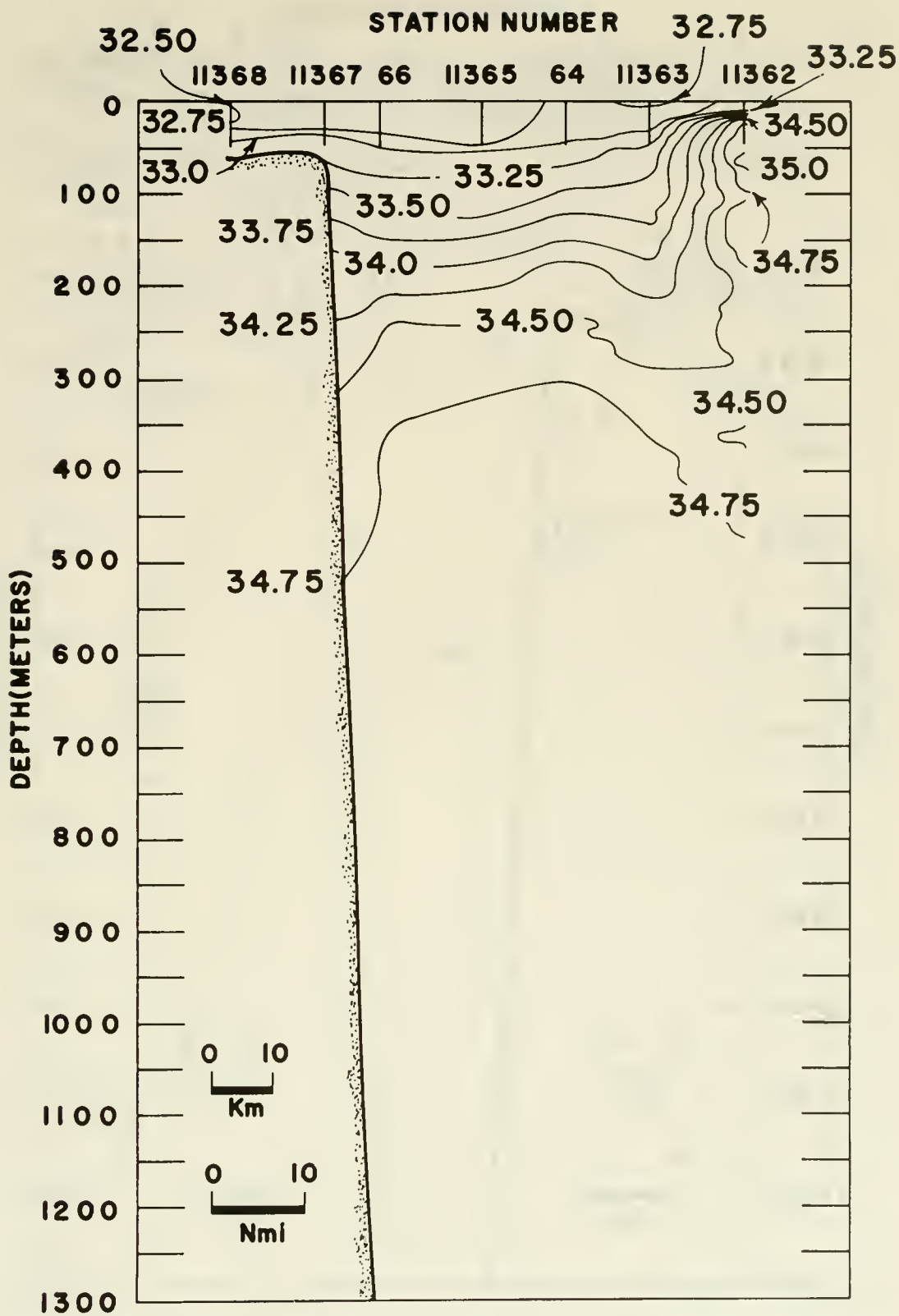


FIGURE 52. Vertical salinity ($^{\circ}/_{\text{oo}}$) section 5, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21 June 1973.

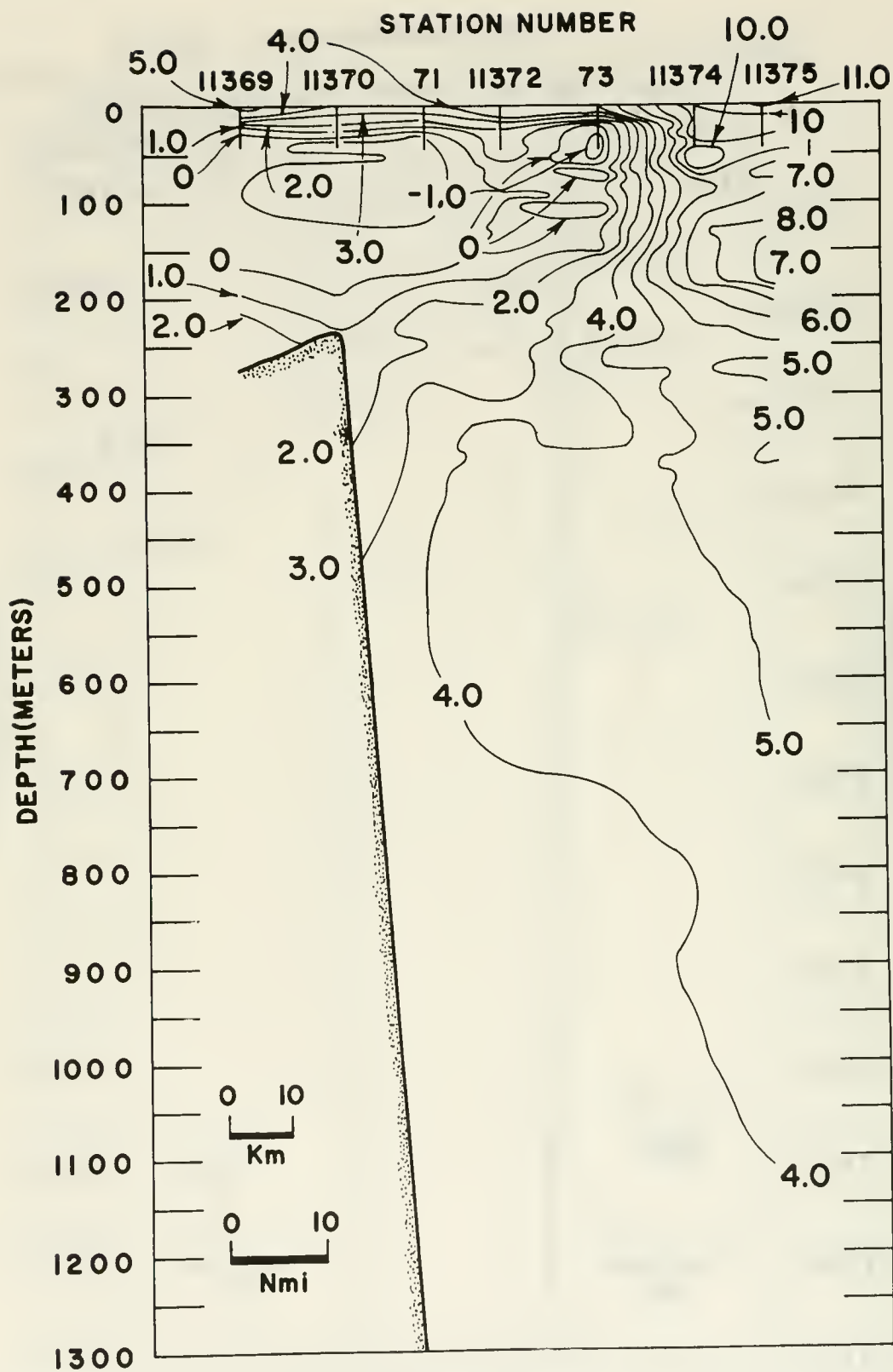


FIGURE 53. Vertical temperature ($^{\circ}\text{C}$) section 6, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21-22 June 1973.

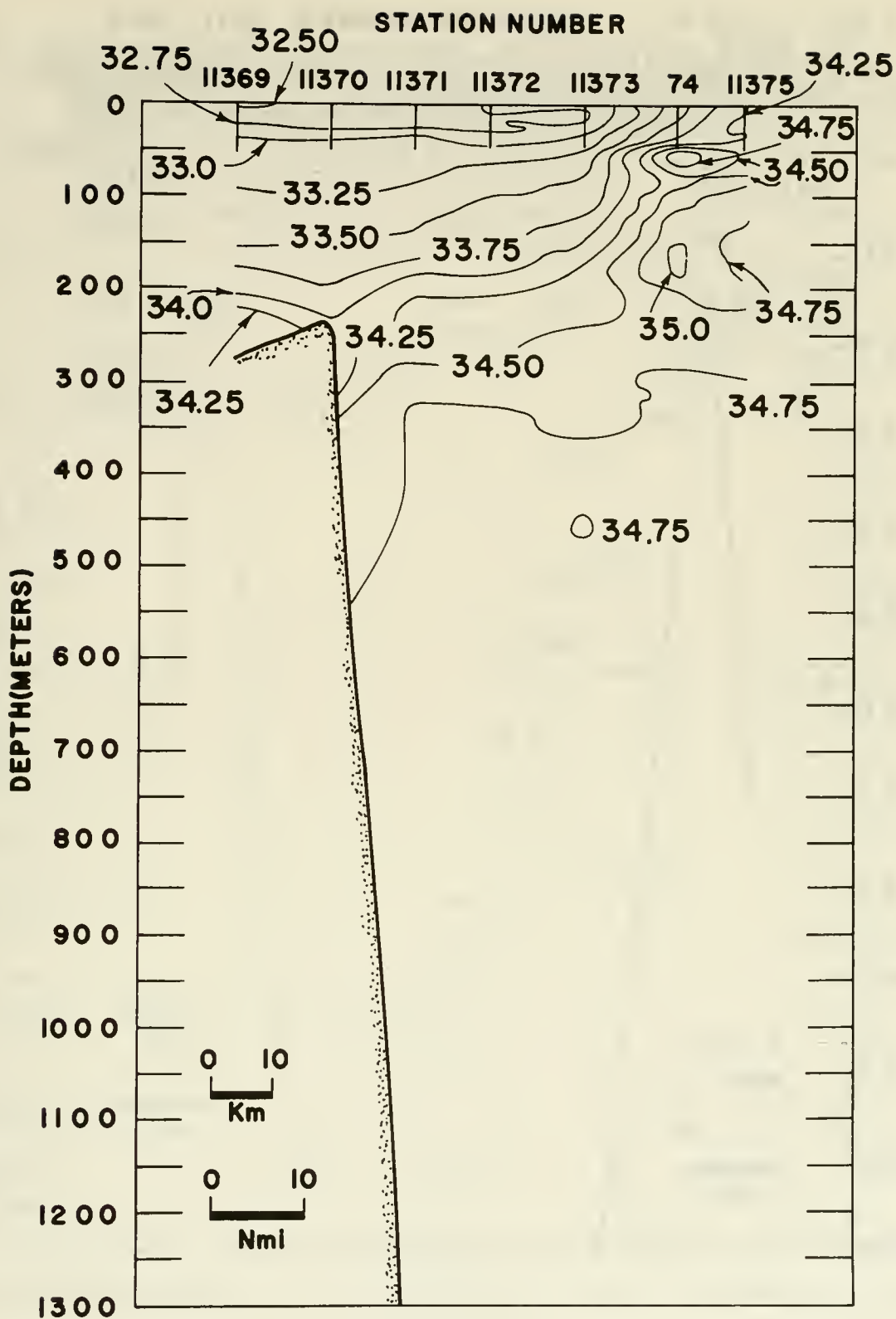


FIGURE 54. Vertical salinity ($^{\circ}/_{\infty}$) section 6, Intensive Dynamic Survey I, occupied by CGC EVERGREEN, 21-22 June 1973.

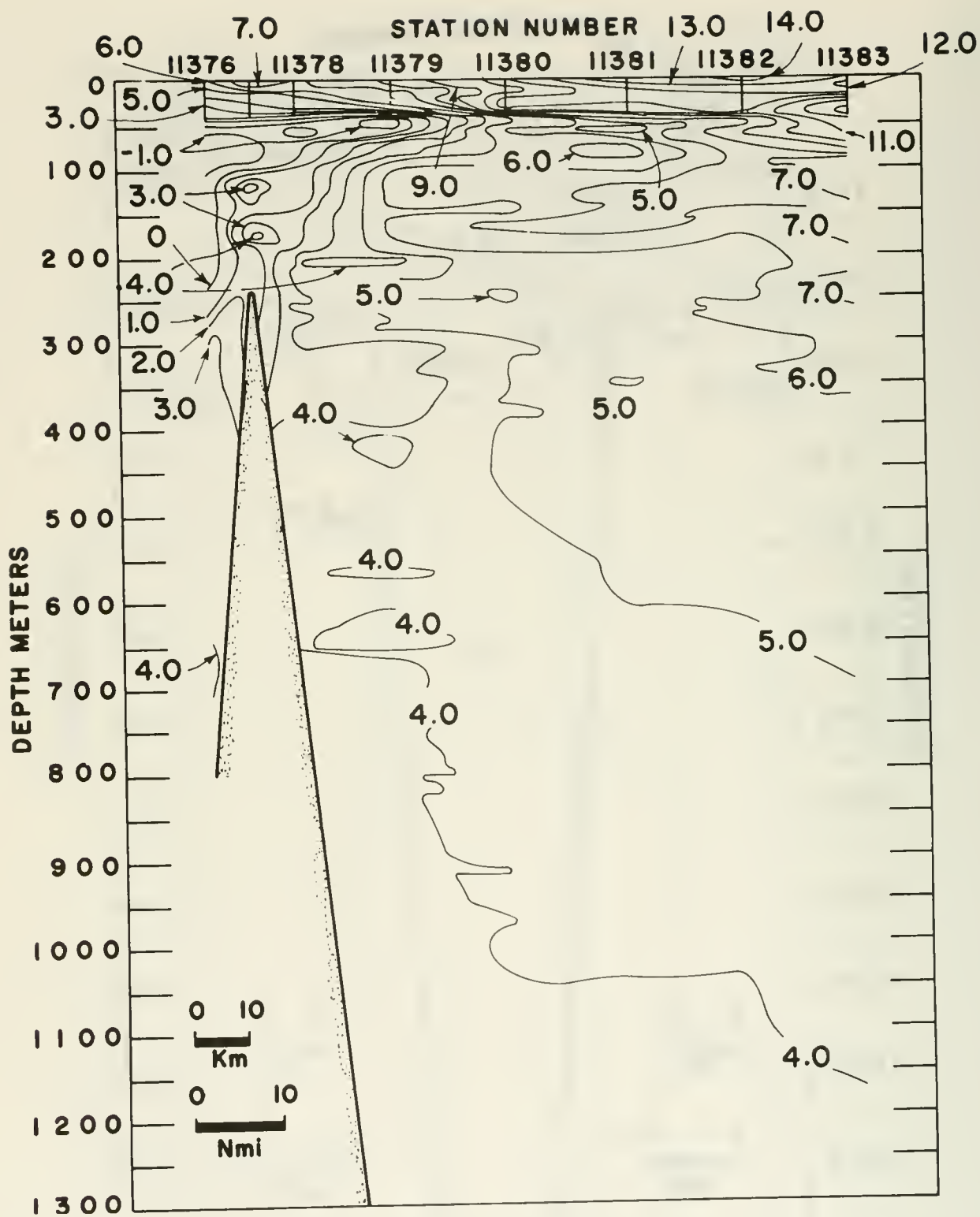


FIGURE 55. Vertical temperature ($^{\circ}\text{C}$) section 1, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 26-27 June 1973.

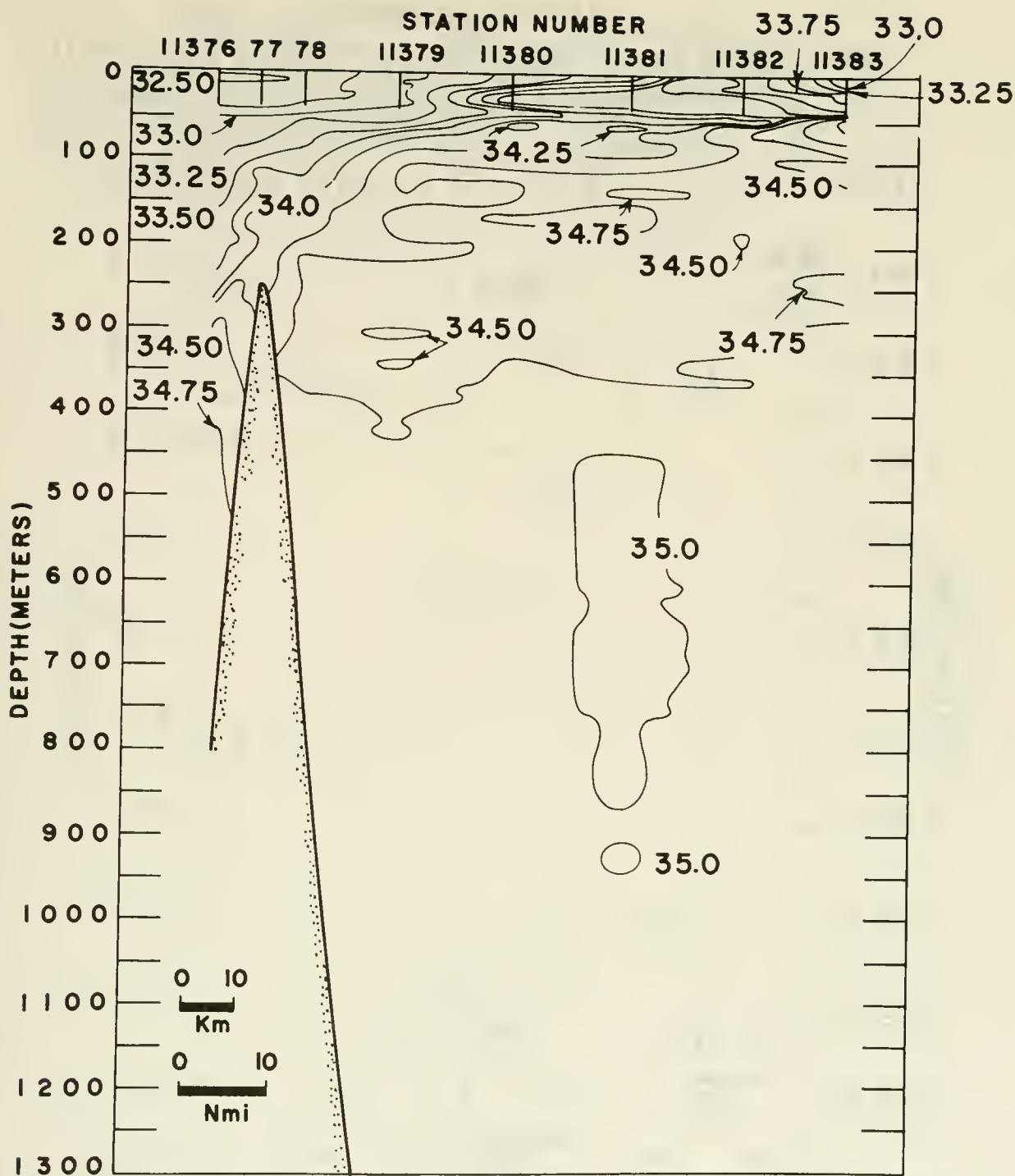


FIGURE 56. Vertical salinity (‰) section 1, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 26-27 June 1973.

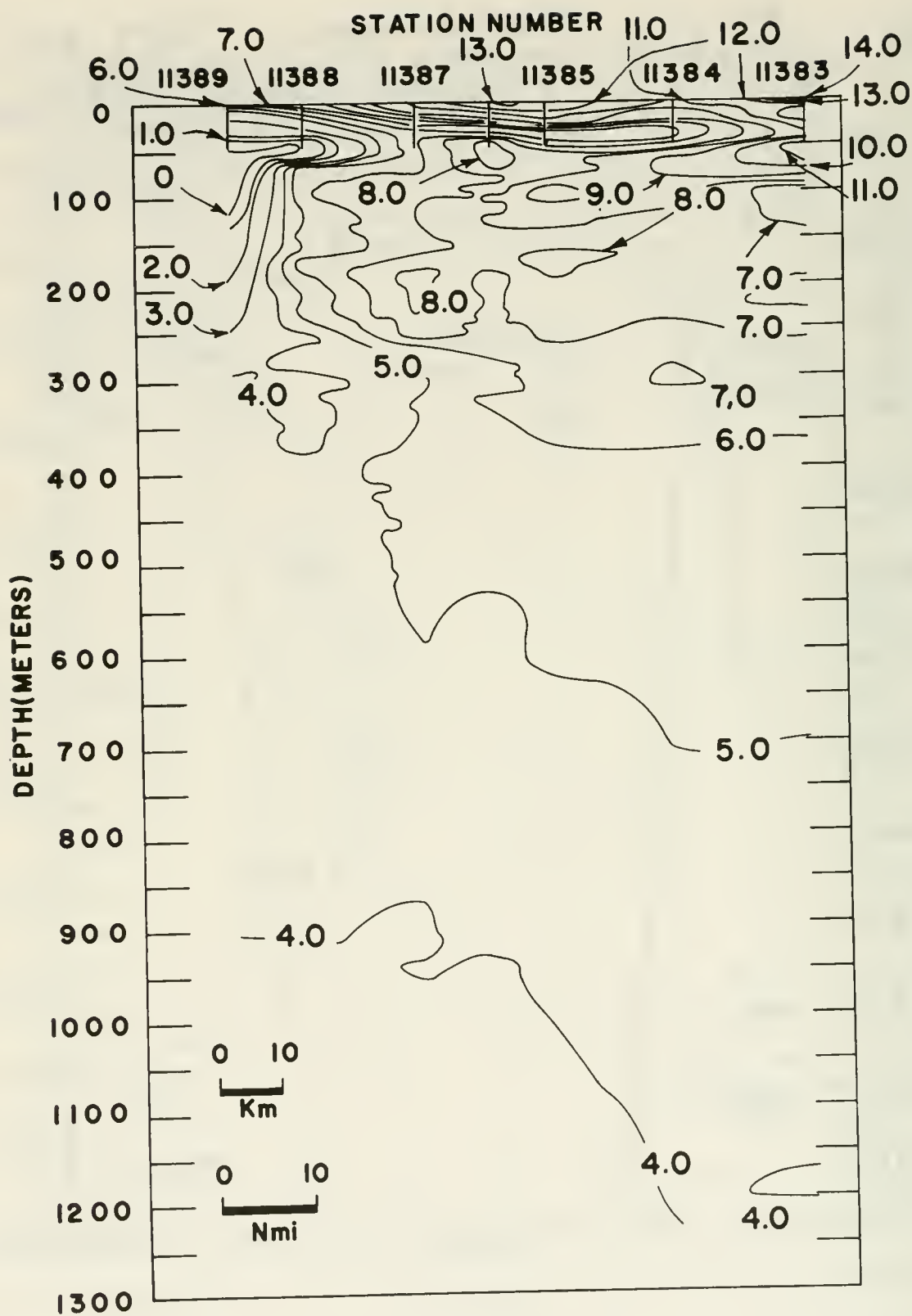


FIGURE 57. Vertical temperature ($^{\circ}\text{C}$) section 2, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27 June 1973.

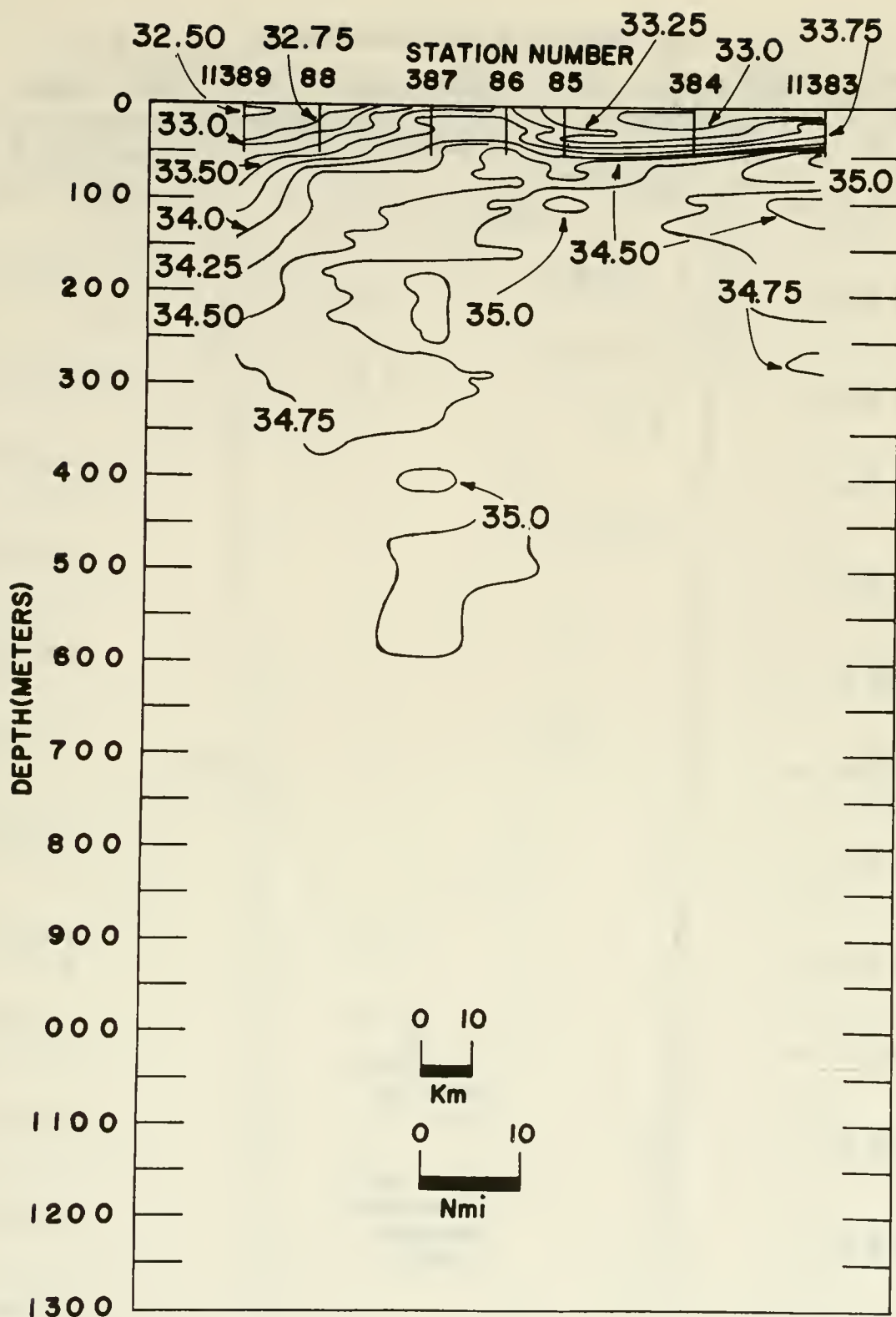


FIGURE 58. Vertical salinity (‰) section 2, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27 June 1973.

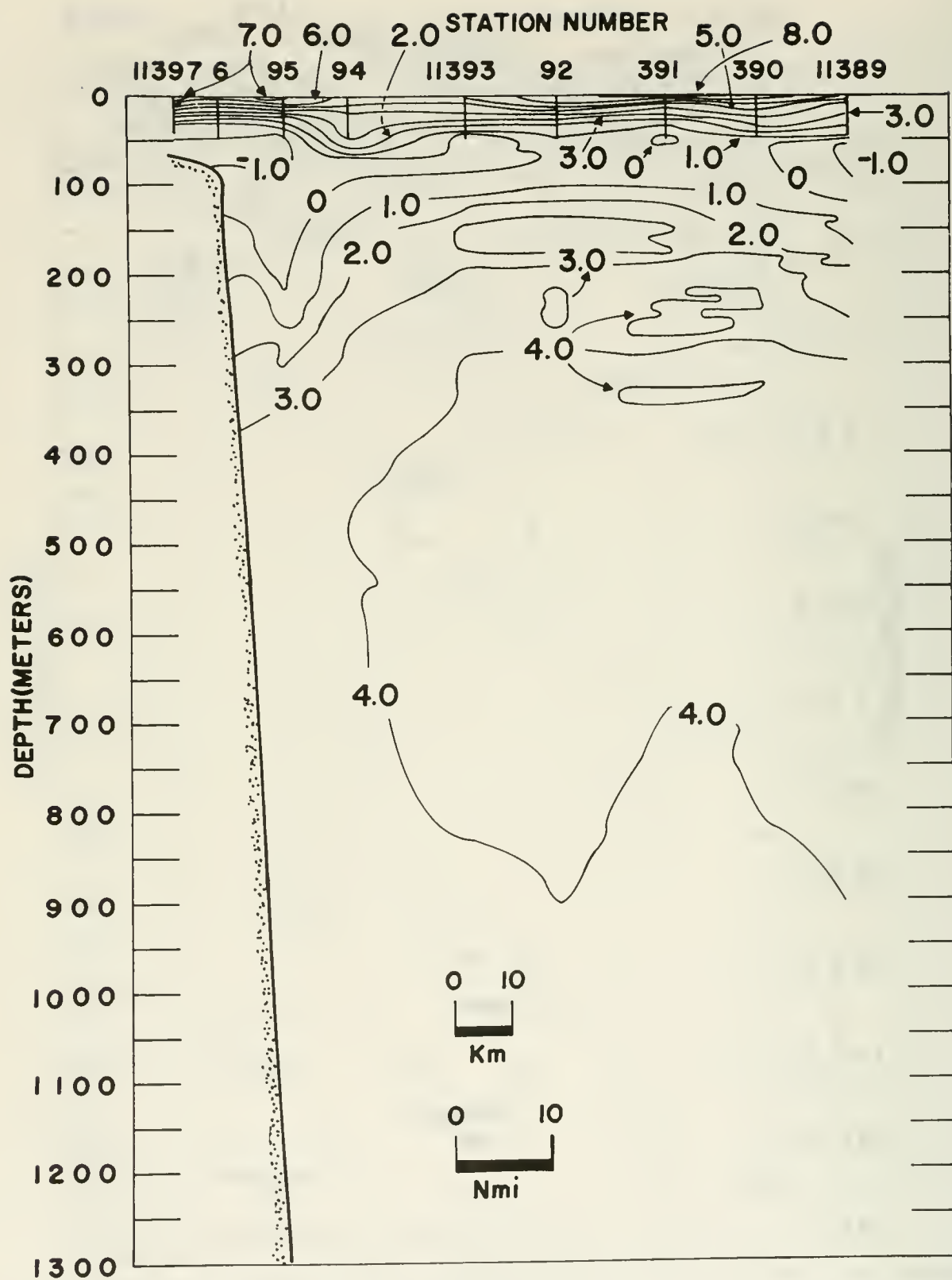


FIGURE 59. Vertical temperature ($^{\circ}\text{C}$) section 3, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27-28 June 1973.

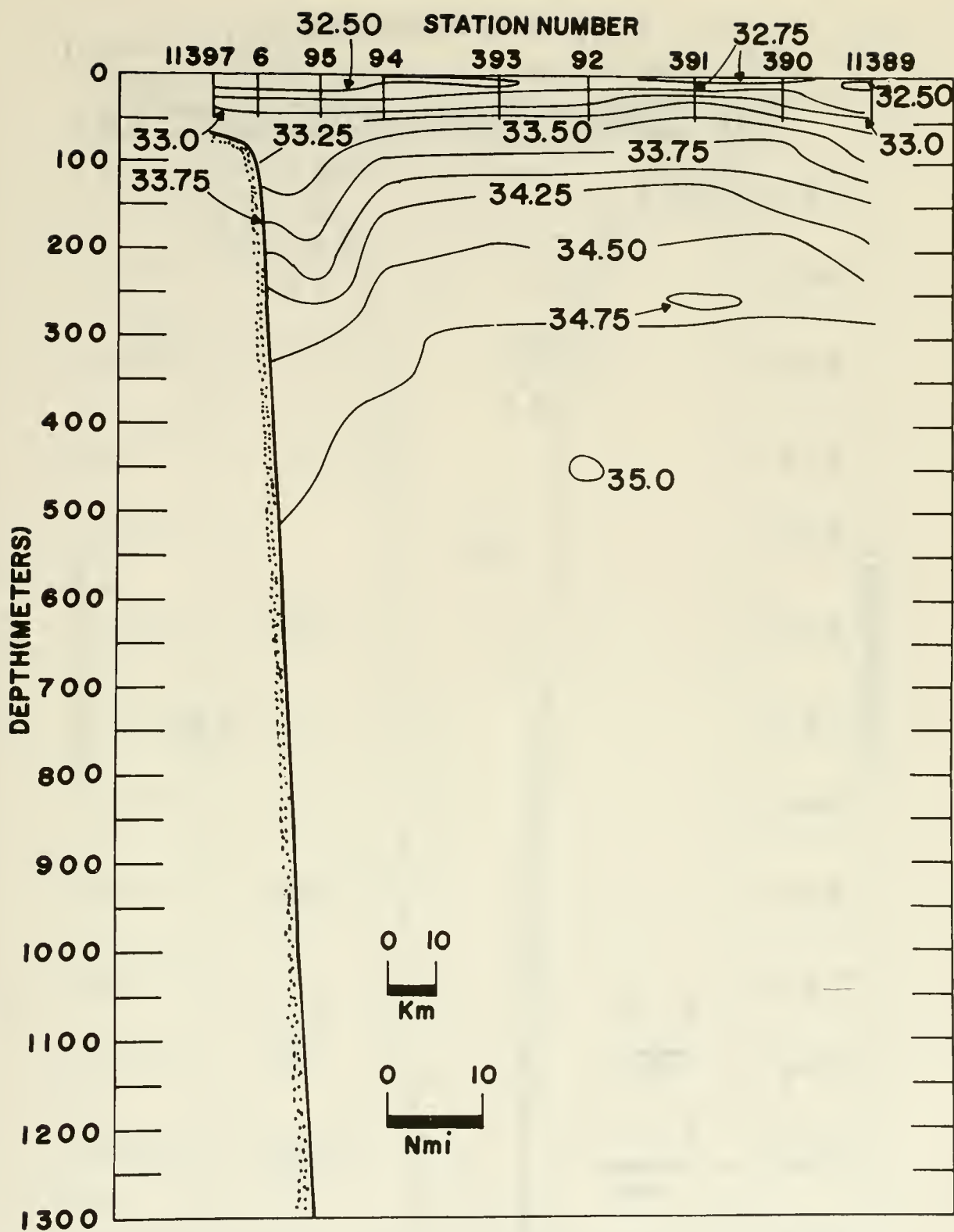


FIGURE 60. Vertical salinity (‰) section 3, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 27-28 June 1973.

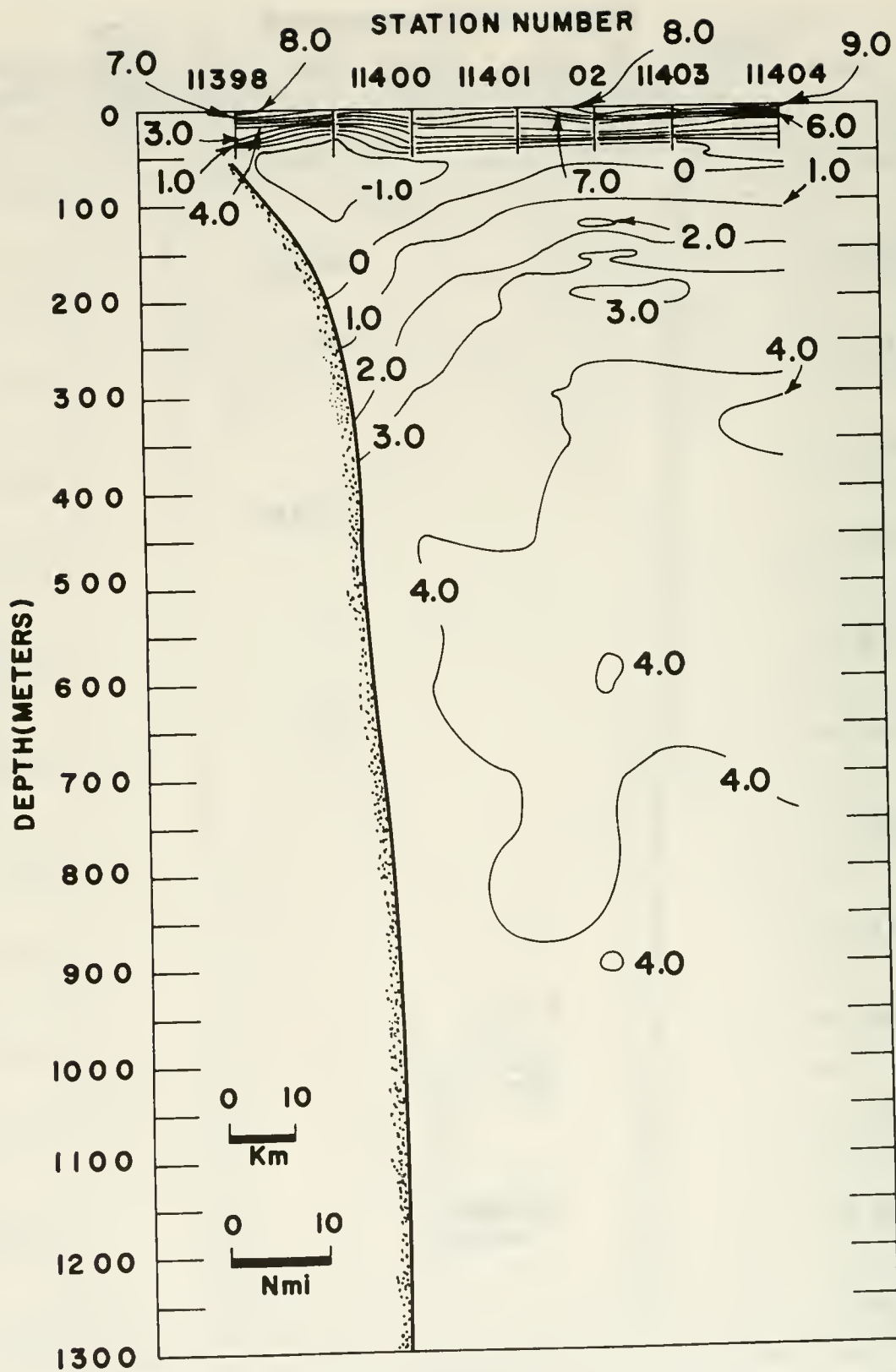


FIGURE 61. Vertical temperature ($^{\circ}\text{C}$) section 4, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28 June 1973.

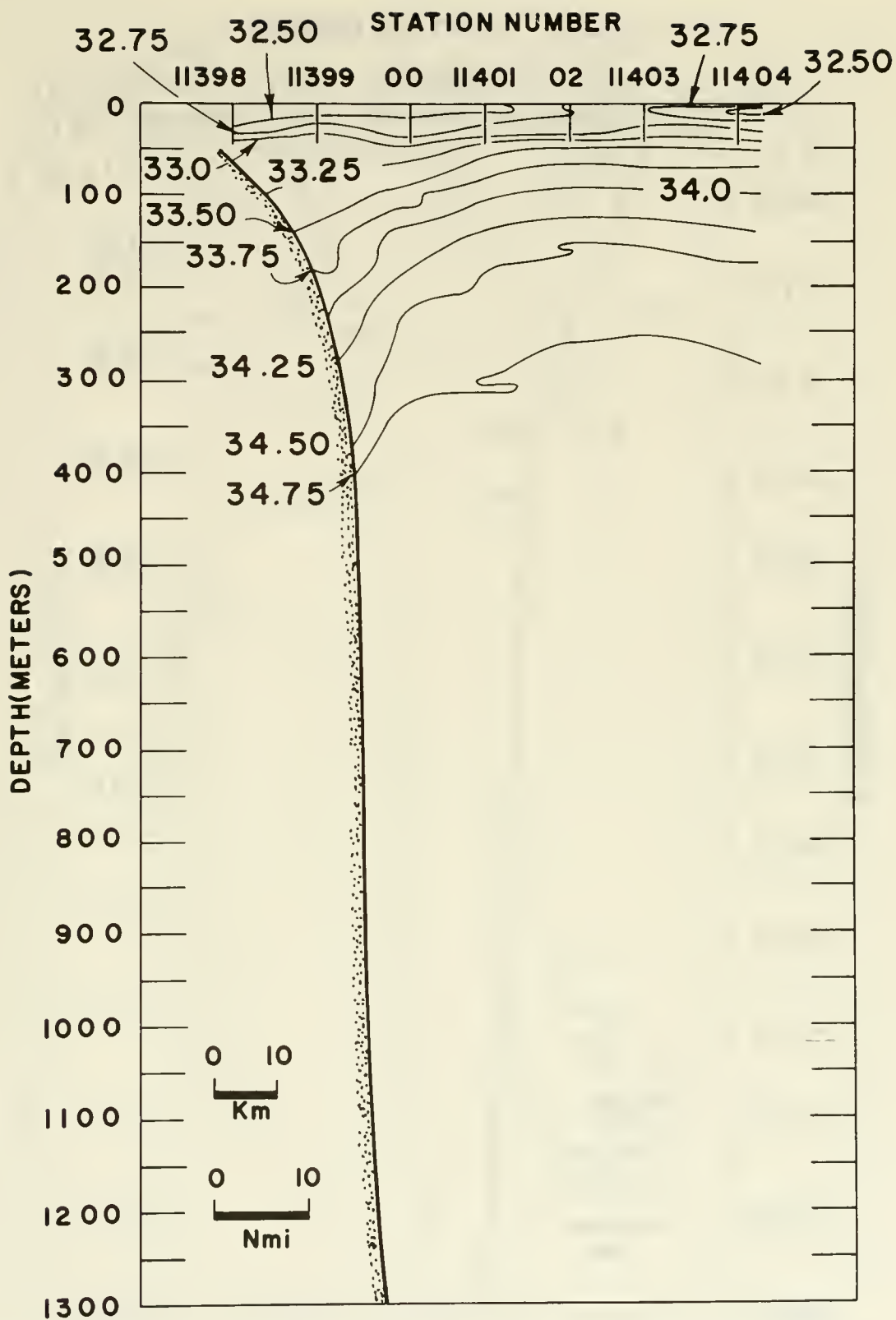


FIGURE 62. Vertical salinity ($^{\circ}/_{\text{oo}}$) section 4, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28 June 1973.

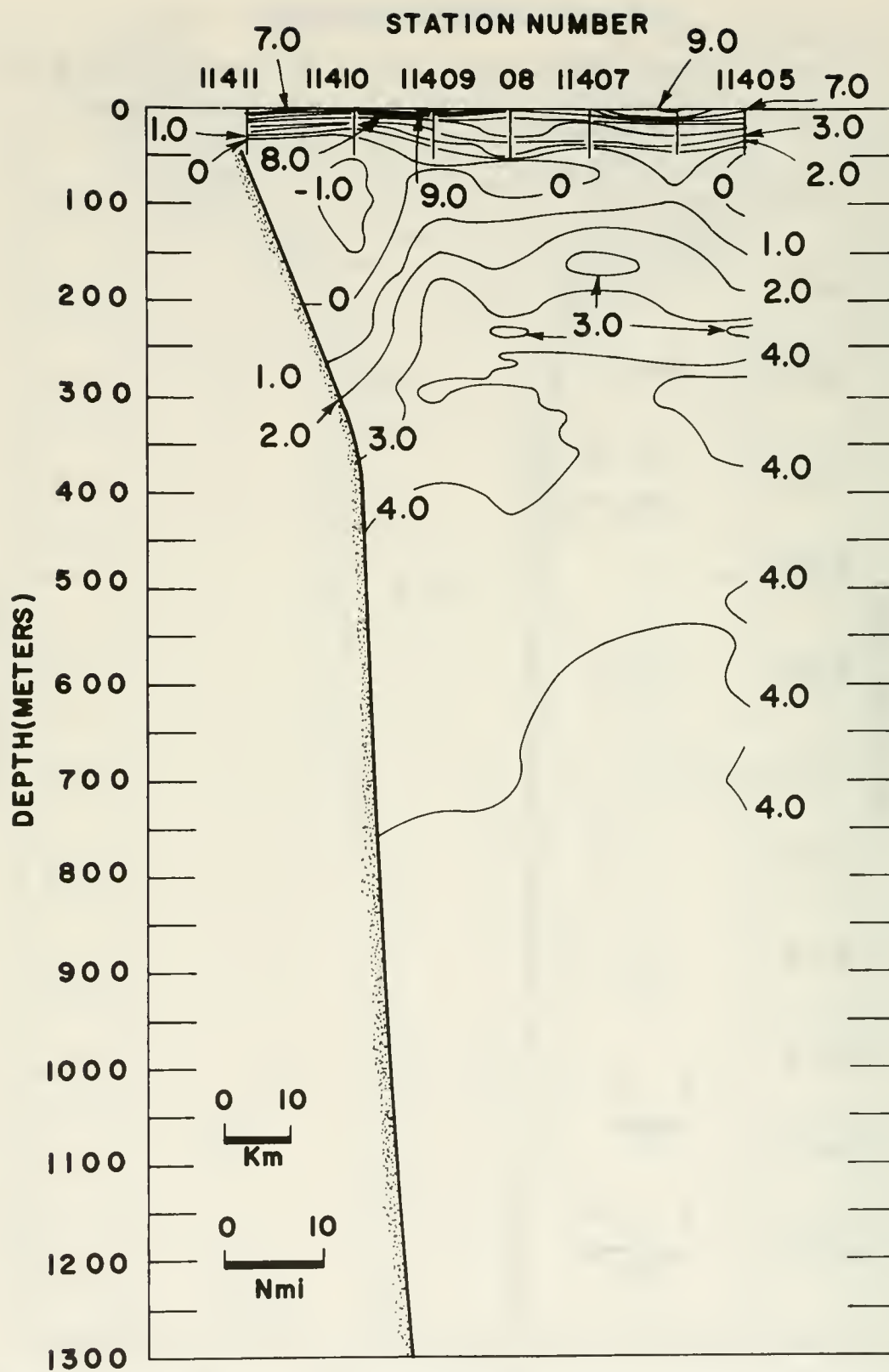


FIGURE 63. Vertical temperature ($^{\circ}\text{C}$) section 5, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28-29 June 1973.

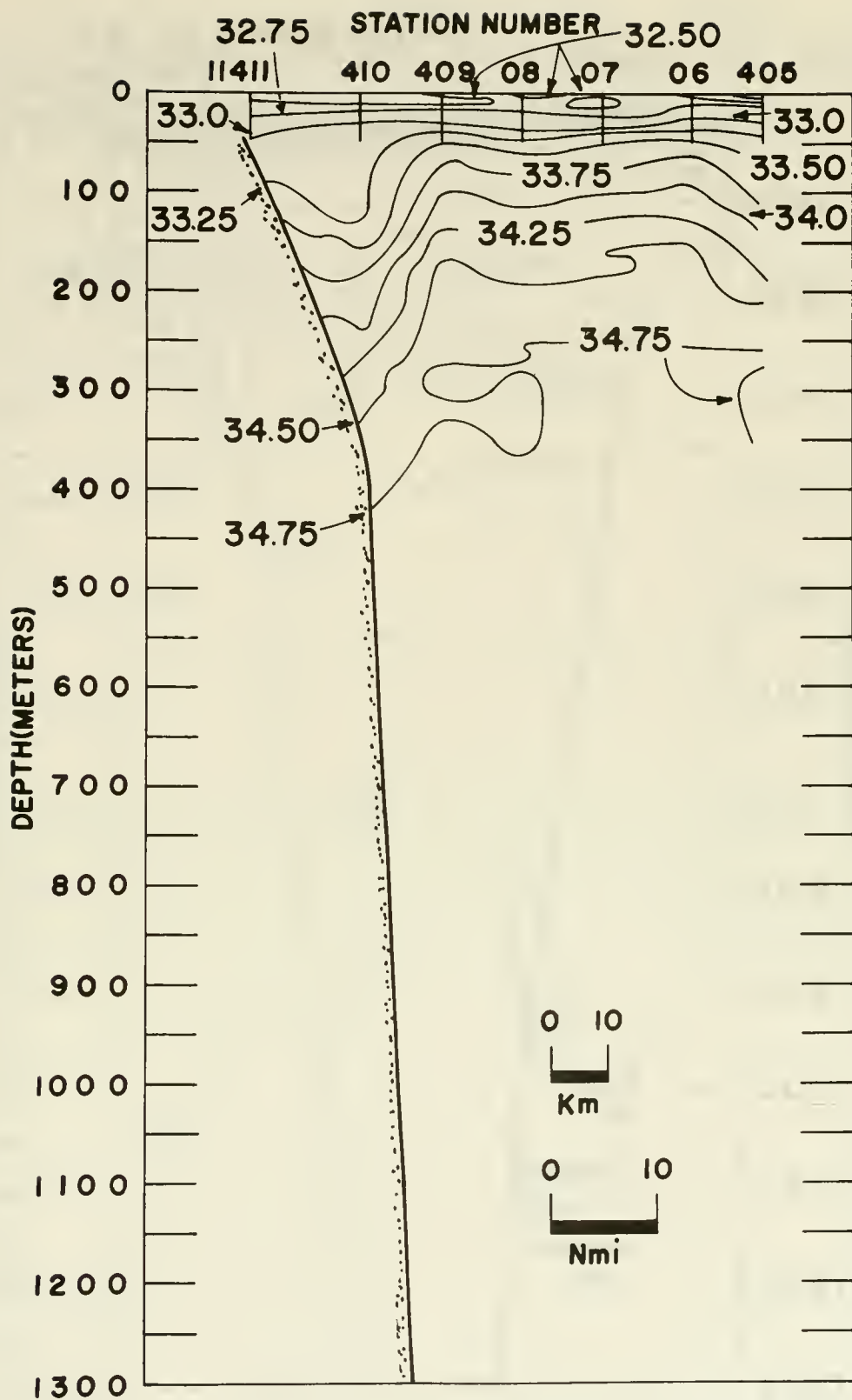


FIGURE 64. Vertical salinity (‰) section 5, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 28-29 June 1973.

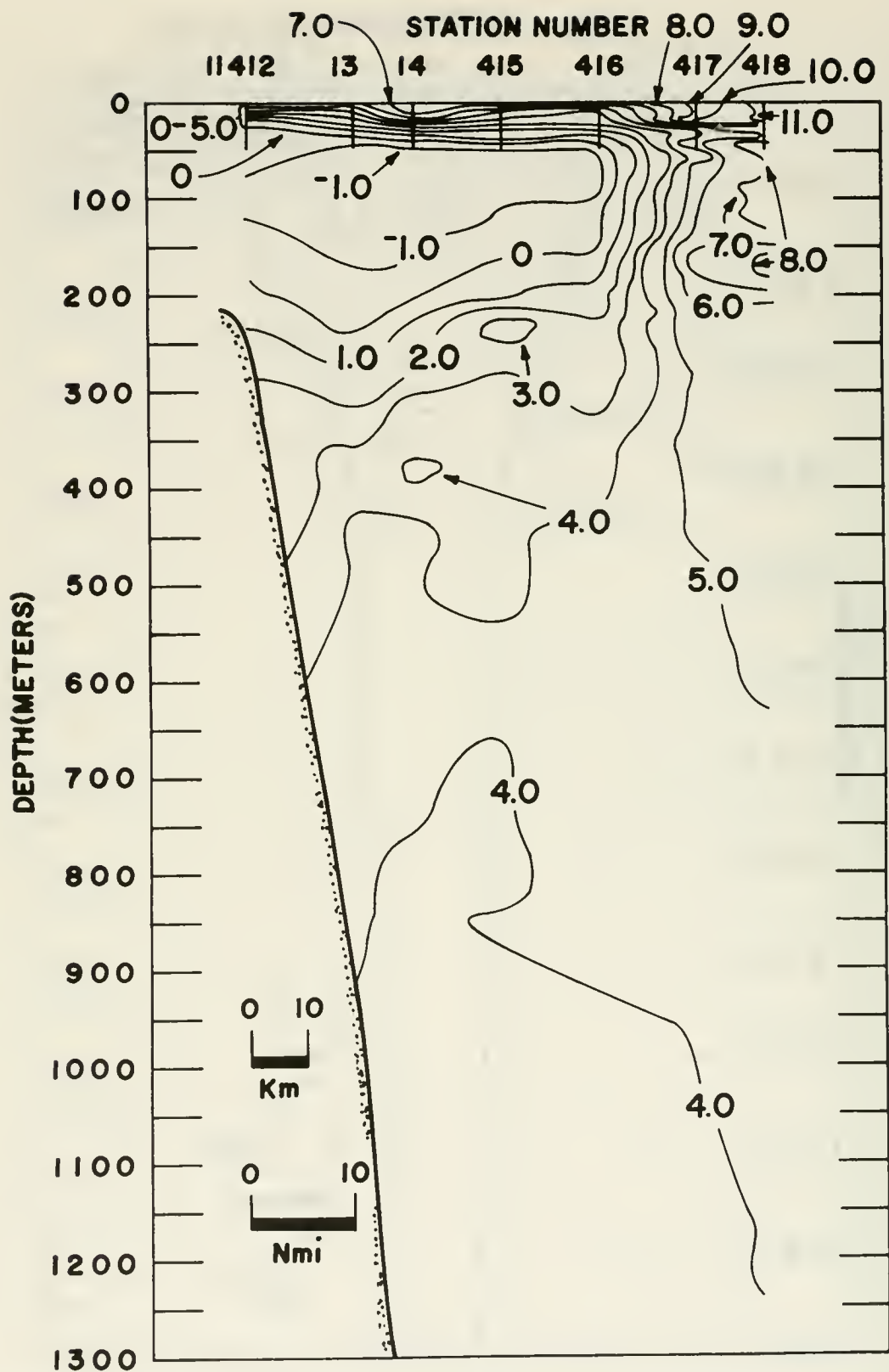


FIGURE 65. Vertical temperature ($^{\circ}\text{C}$) section 6, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 29 June 1973.

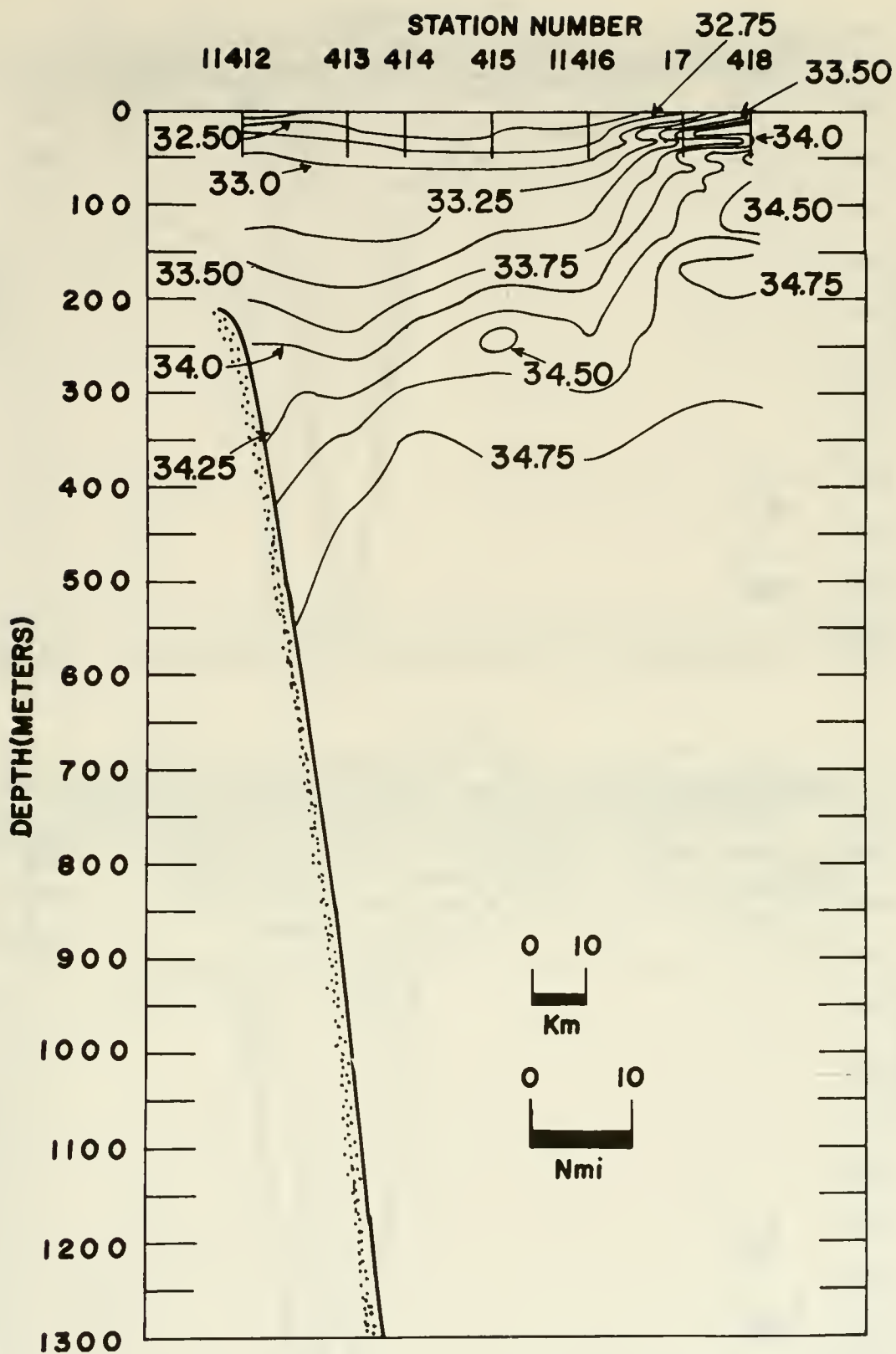


FIGURE 66. Vertical salinity ($^{\circ}/_{\text{oo}}$) section 6, Intensive Dynamic Survey II, occupied by CGC EVERGREEN, 29 June 1973.

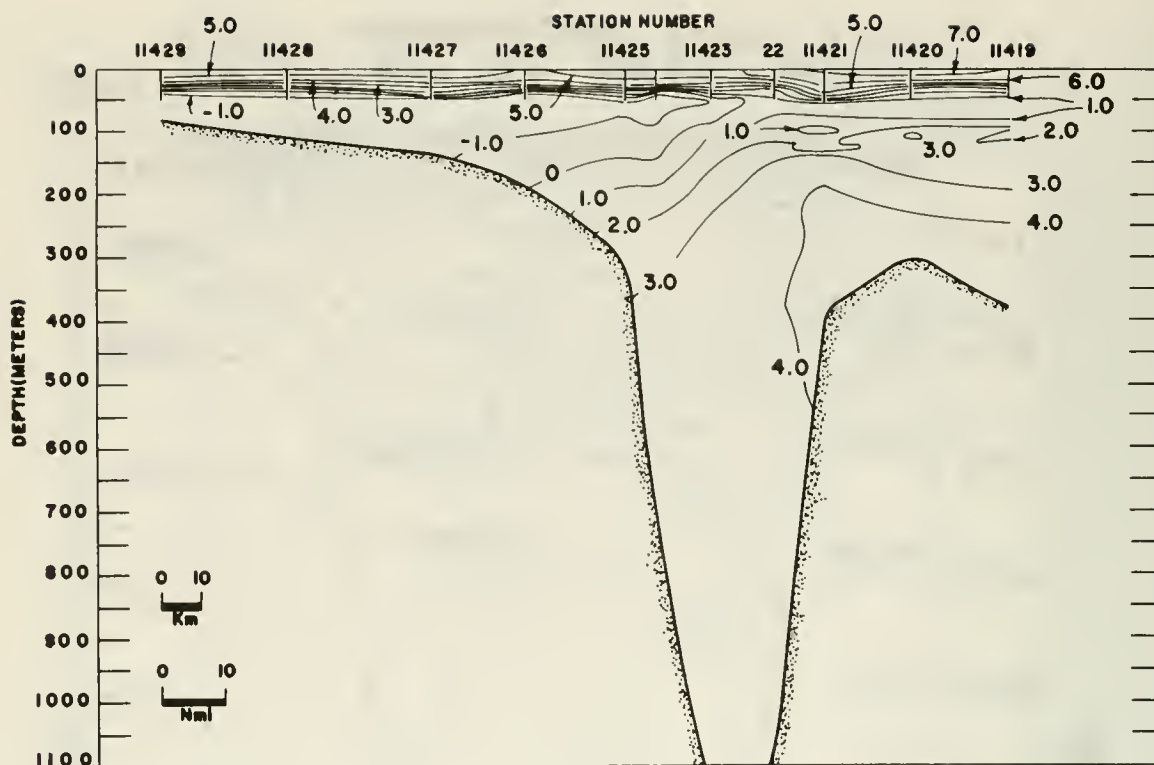


FIGURE 67. Vertical temperature ($^{\circ}\text{C}$) section A2MOD, occupied by CGC EVERGREEN, 1-2 July 1973.

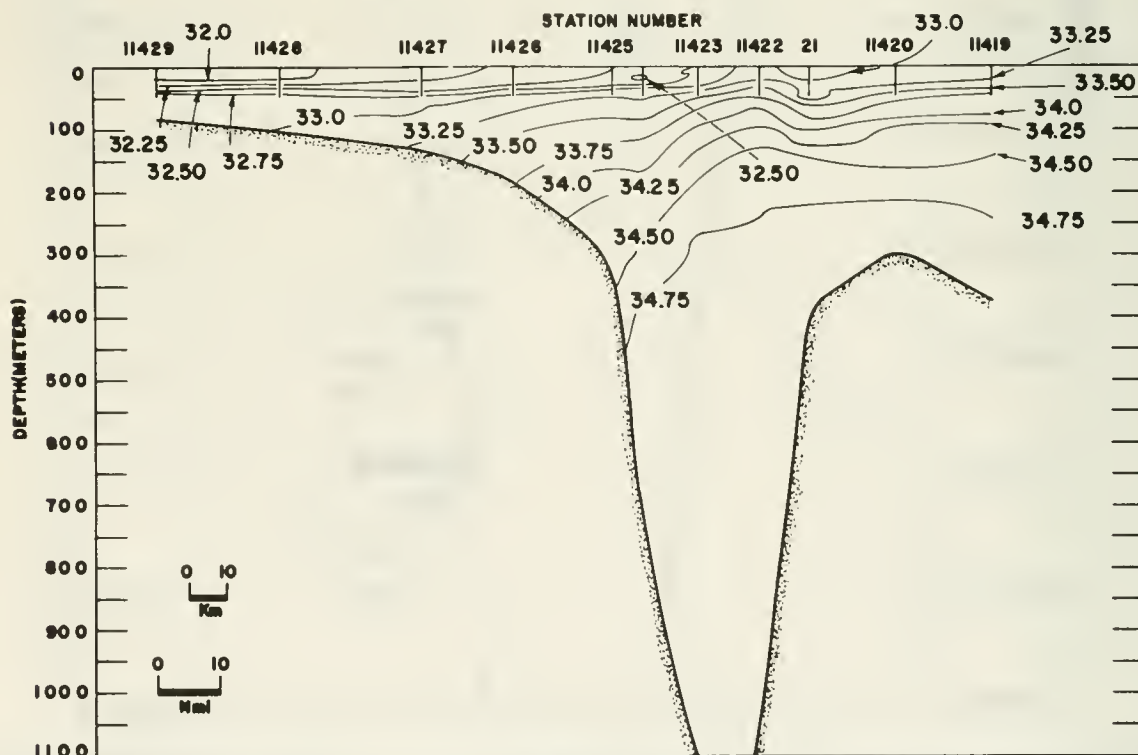


FIGURE 68. Vertical salinity ($^{\circ}/_{\text{oo}}$) section A2MOD, occupied by CGC EVERGREEN, 1-2 July 1973.

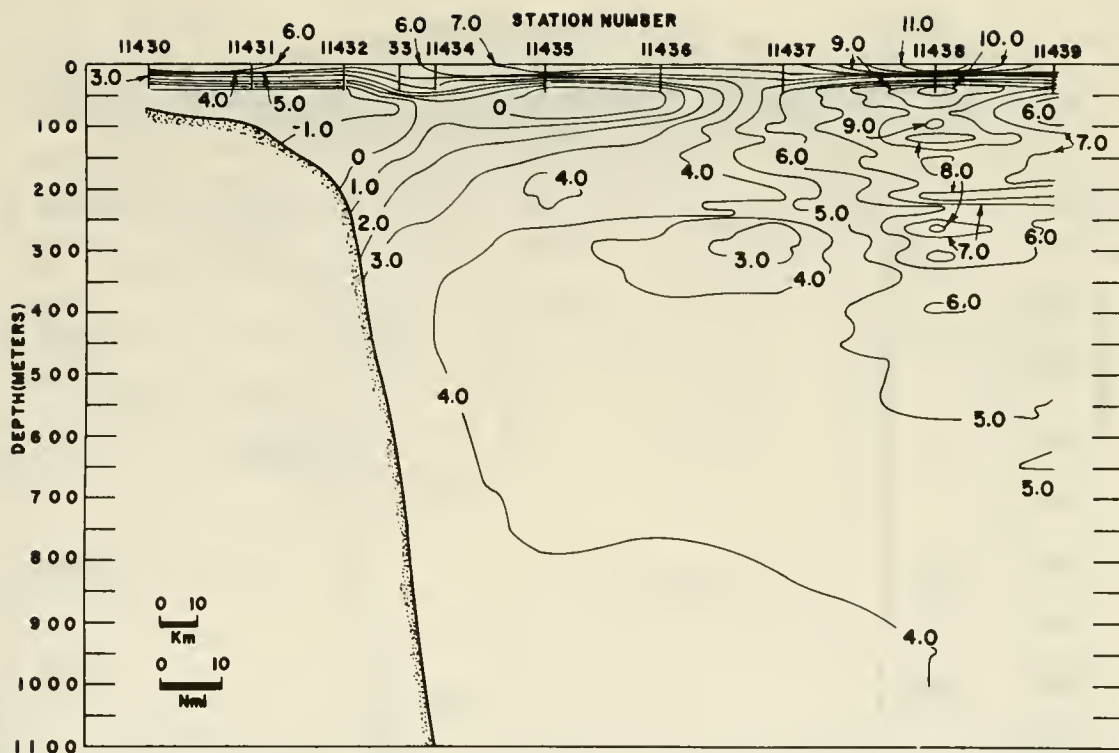


FIGURE 69. Vertical temperature ($^{\circ}\text{C}$) section A2B, occupied by CGC EVERGREEN, 2-3 July 1973.

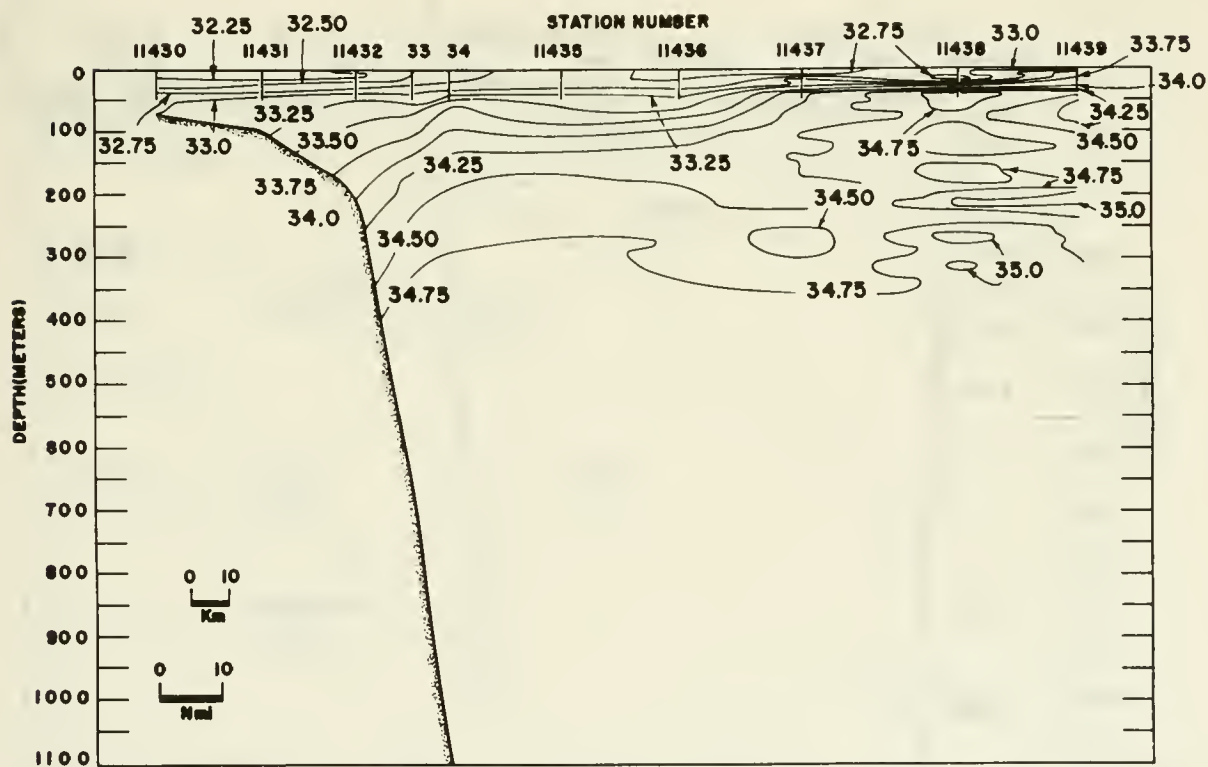


FIGURE 70. Vertical salinity (‰) section A2B, occupied by CGC EVERGREEN, 2-3 July 1973.

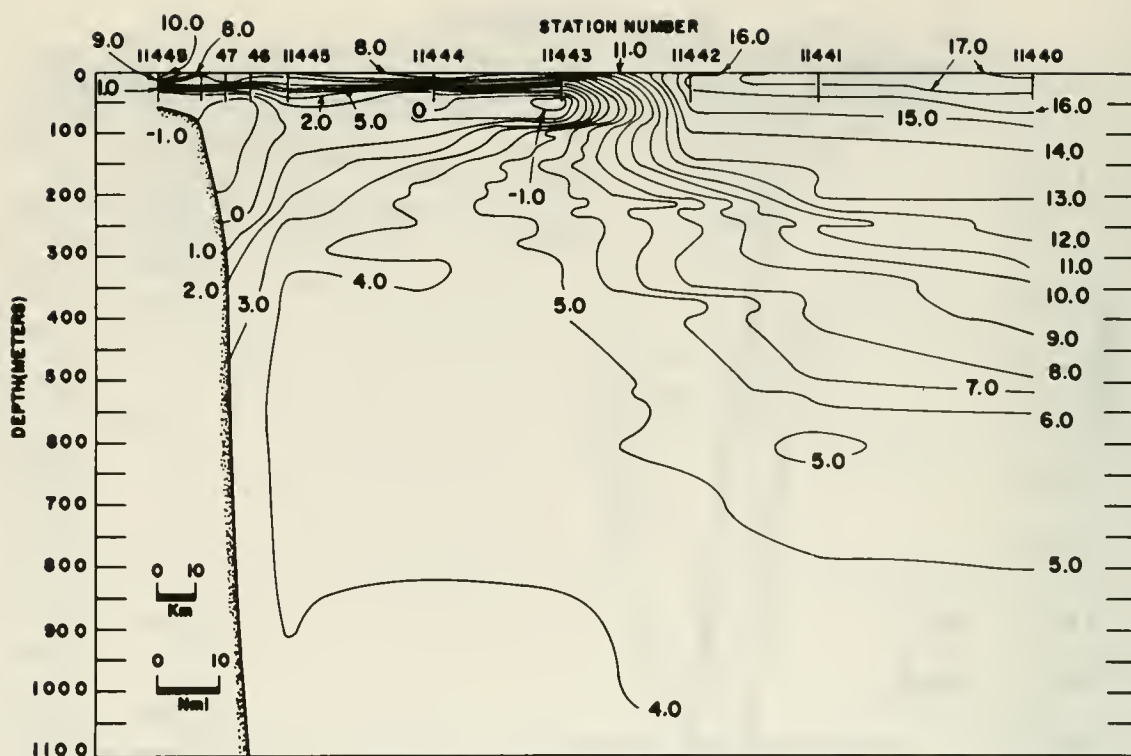


FIGURE 71. Vertical temperature ($^{\circ}\text{C}$) section A3, occupied by CGC EVERGREEN, 3-4 July 1973.

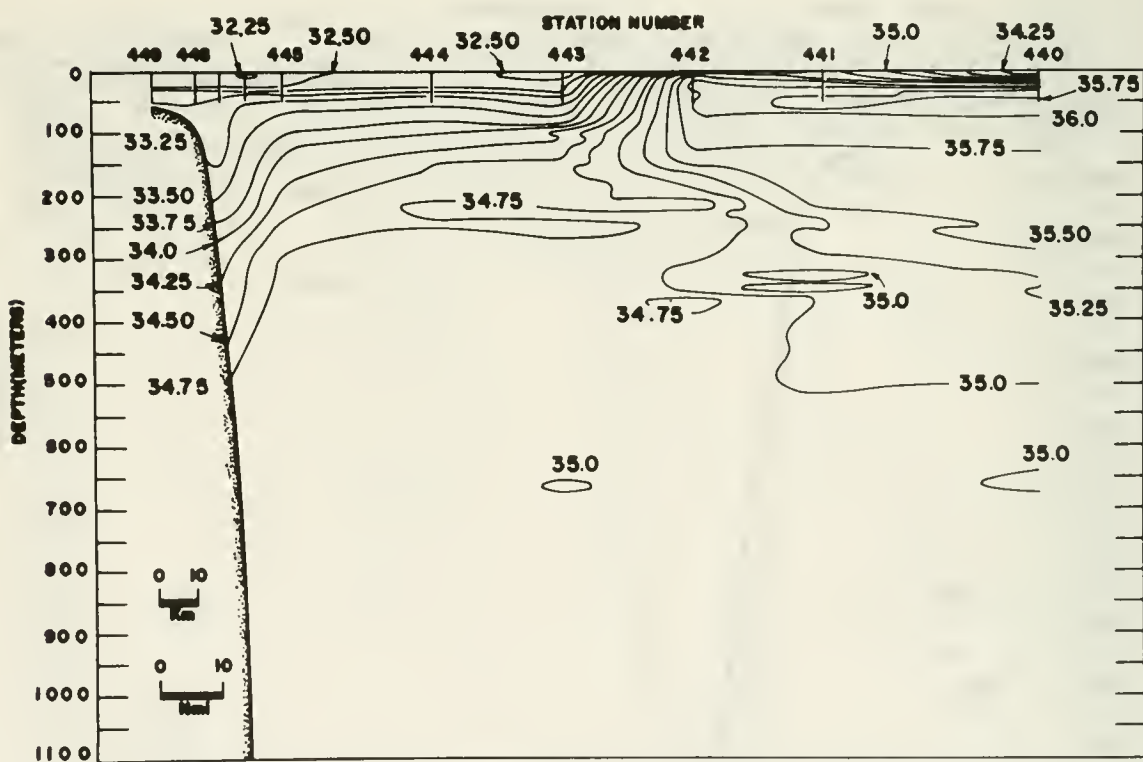


FIGURE 72. Vertical salinity (‰) section A3, occupied by CGC EVERGREEN, 3-4 July 1973.

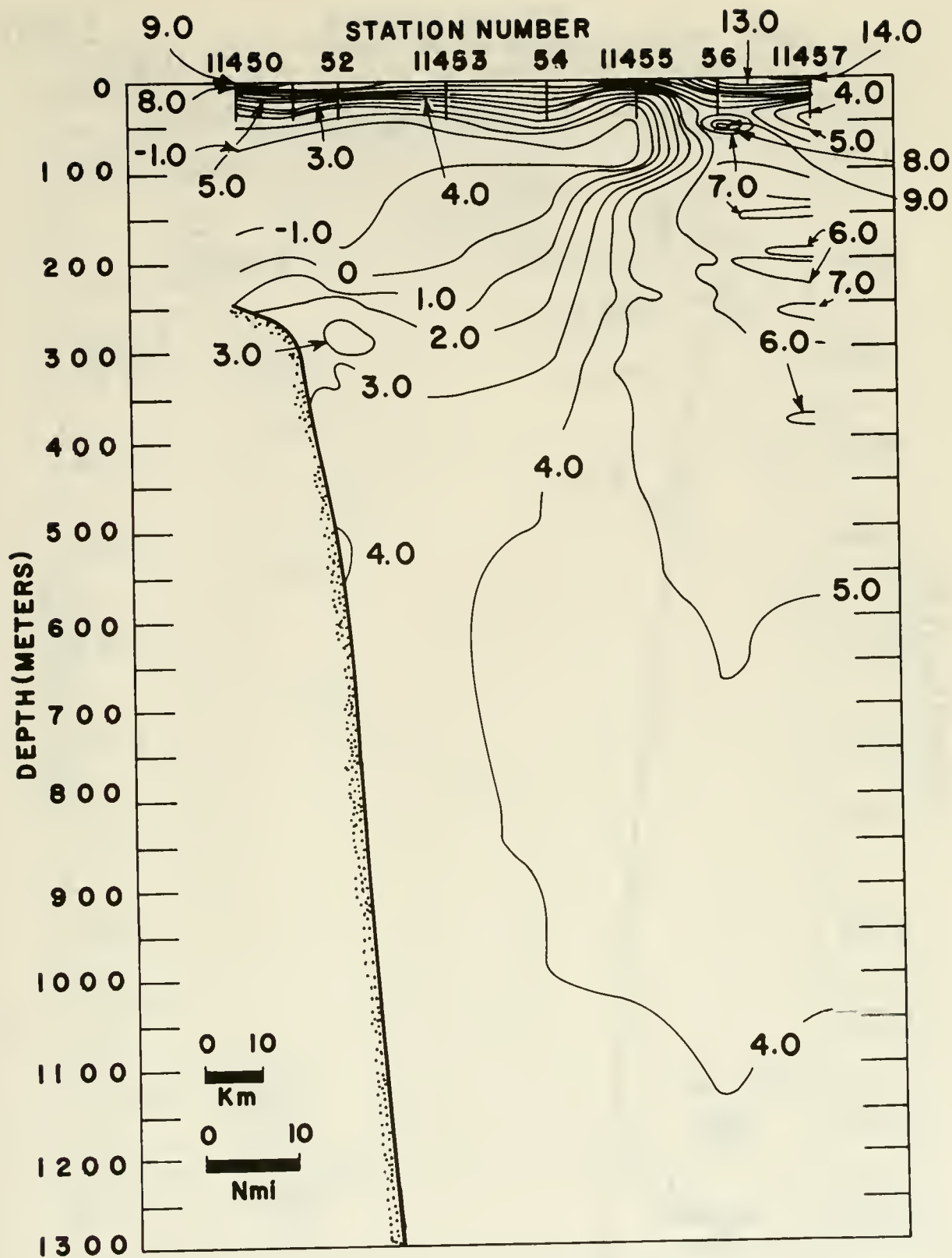


FIGURE 73. Vertical temperature ($^{\circ}\text{C}$) section 1, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4 July 1973.

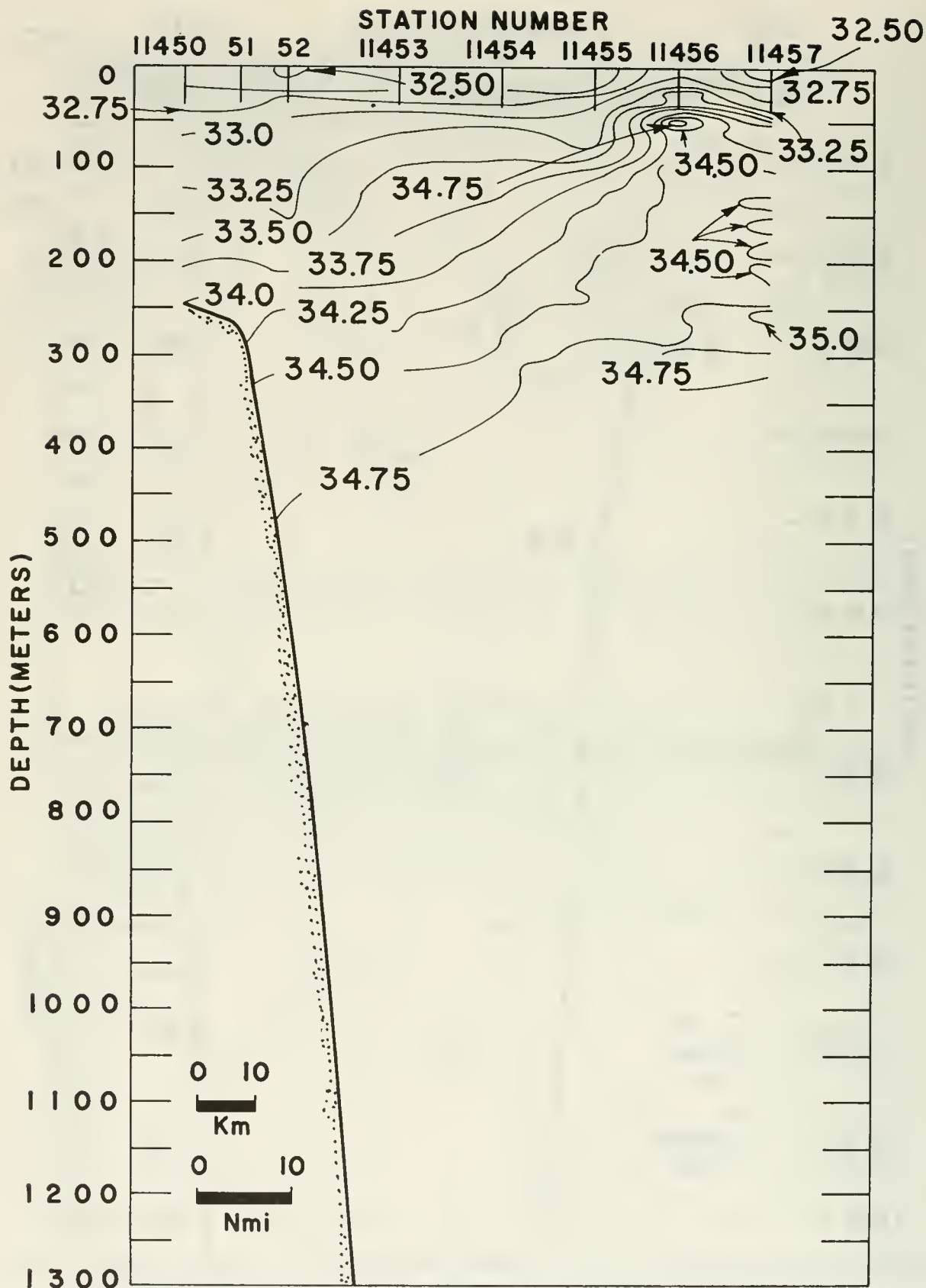


FIGURE 74. Vertical salinity (‰) section 1, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4 July 1973.

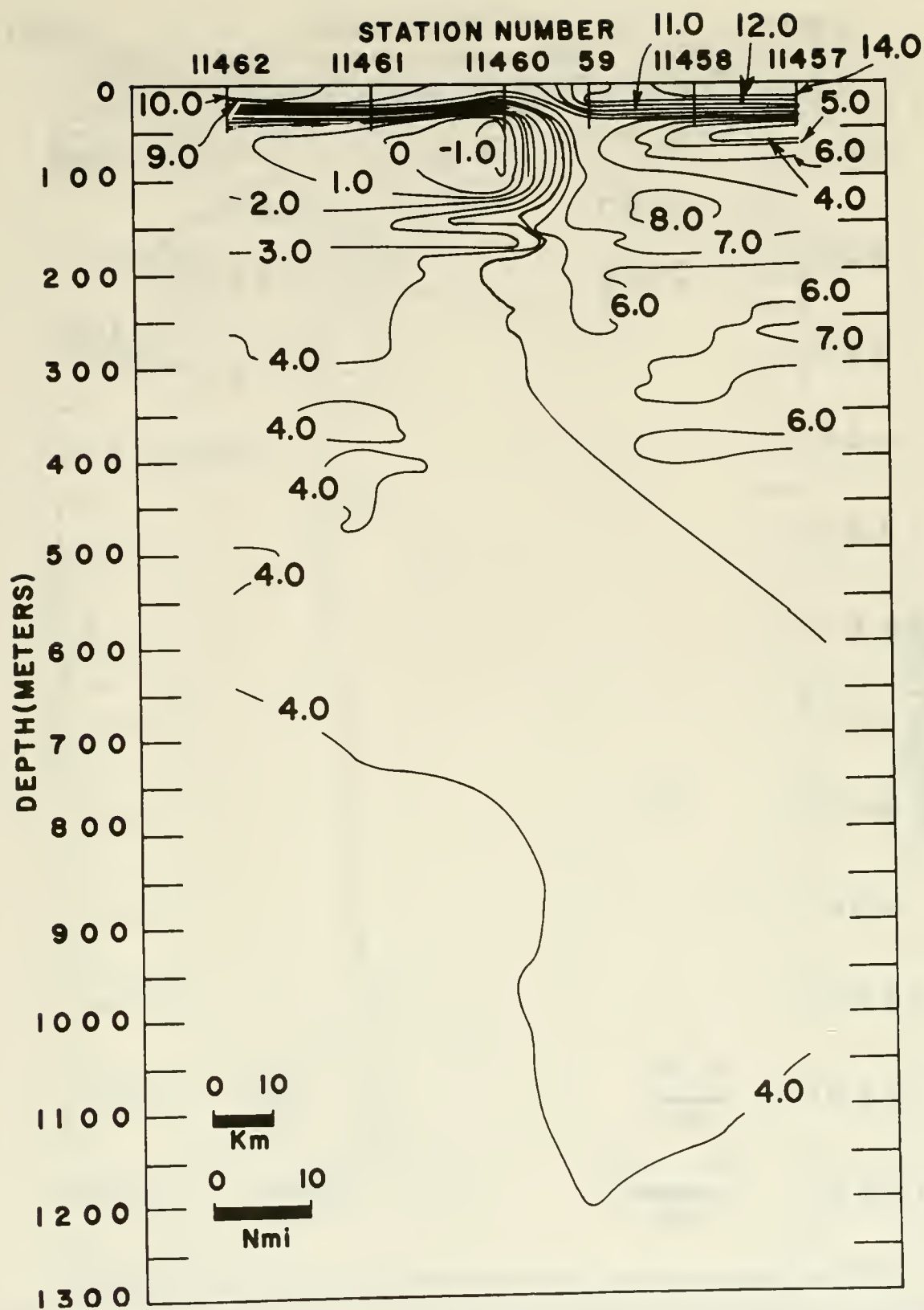


FIGURE 75. Vertical temperature ($^{\circ}\text{C}$) section 2, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4-5 July 1973.

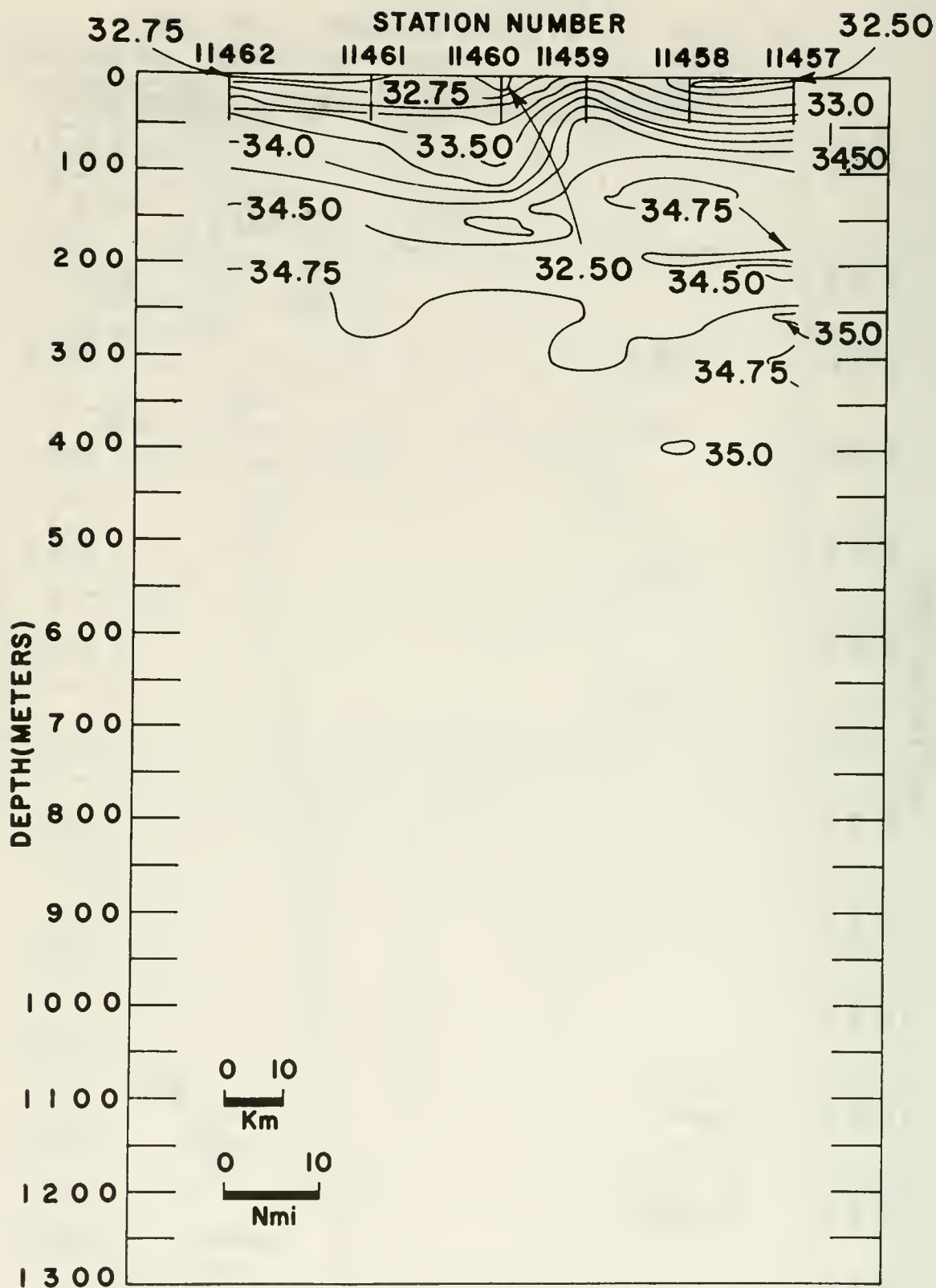


FIGURE 76. Vertical salinity (‰) section 2, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 4-5 July 1973.

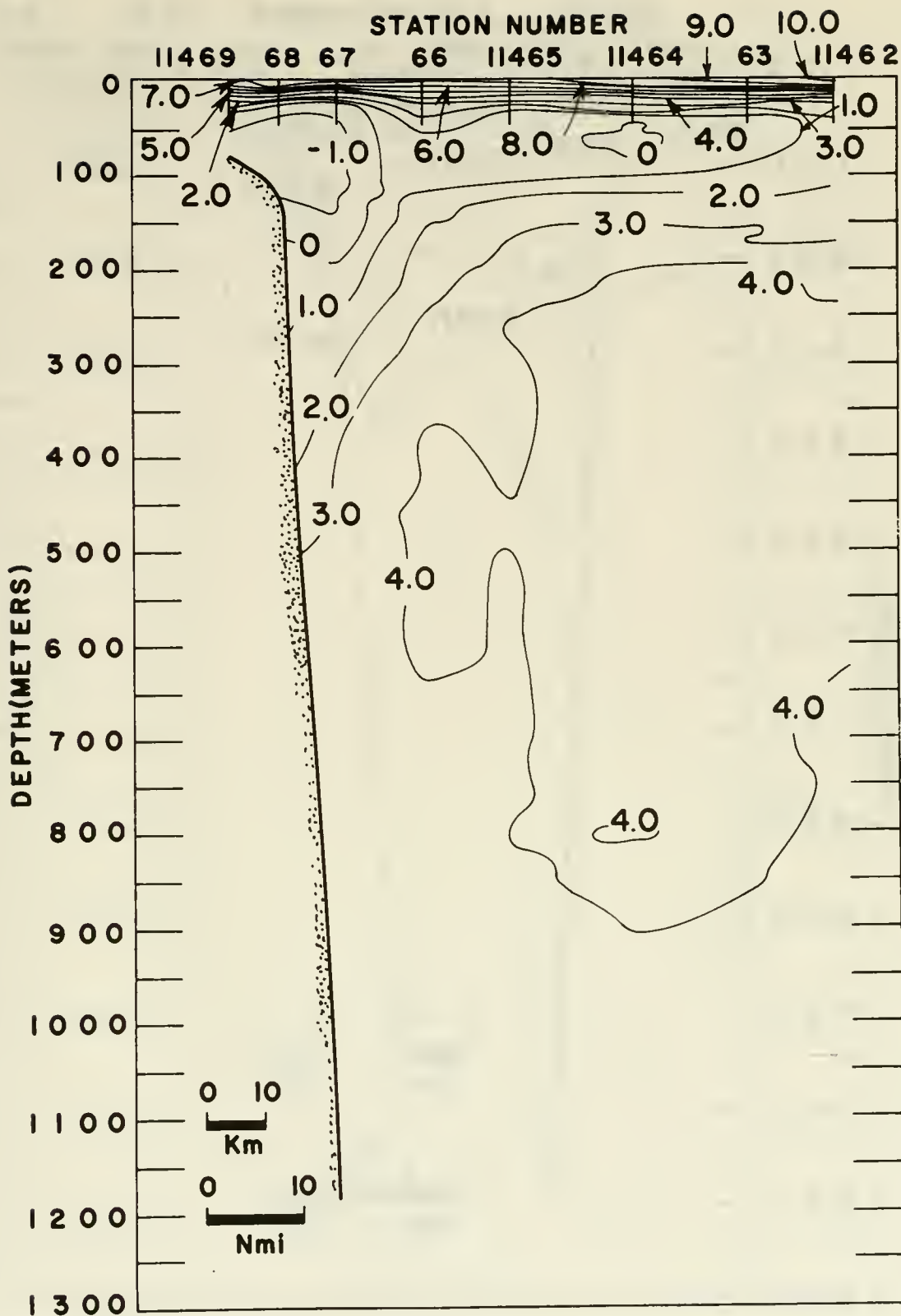


FIGURE 77. Vertical temperature ($^{\circ}\text{C}$) section 3, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 5-6 July 1973.

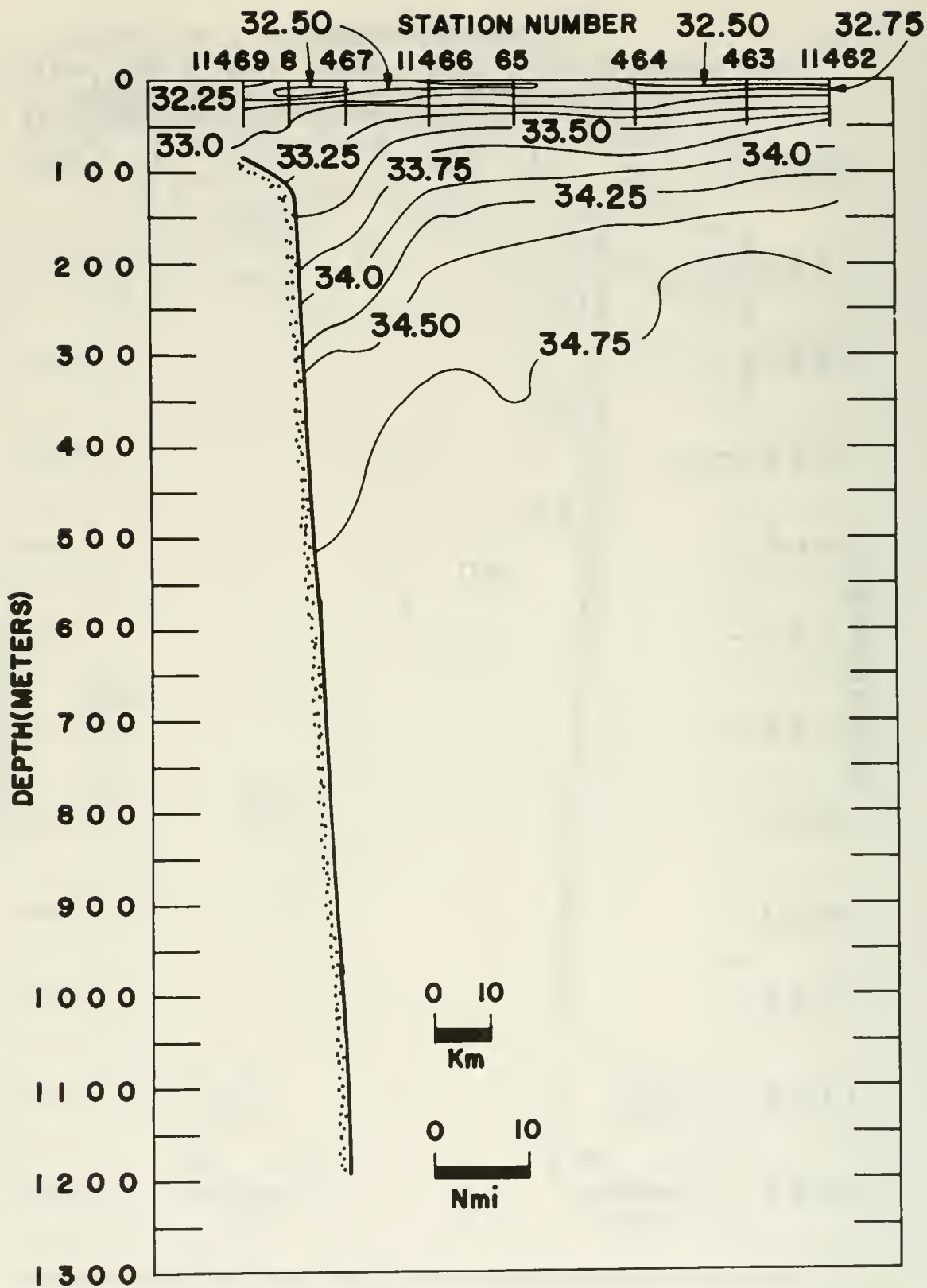


FIGURE 78. Vertical salinity (‰) section 3, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 5-6 July 1973.

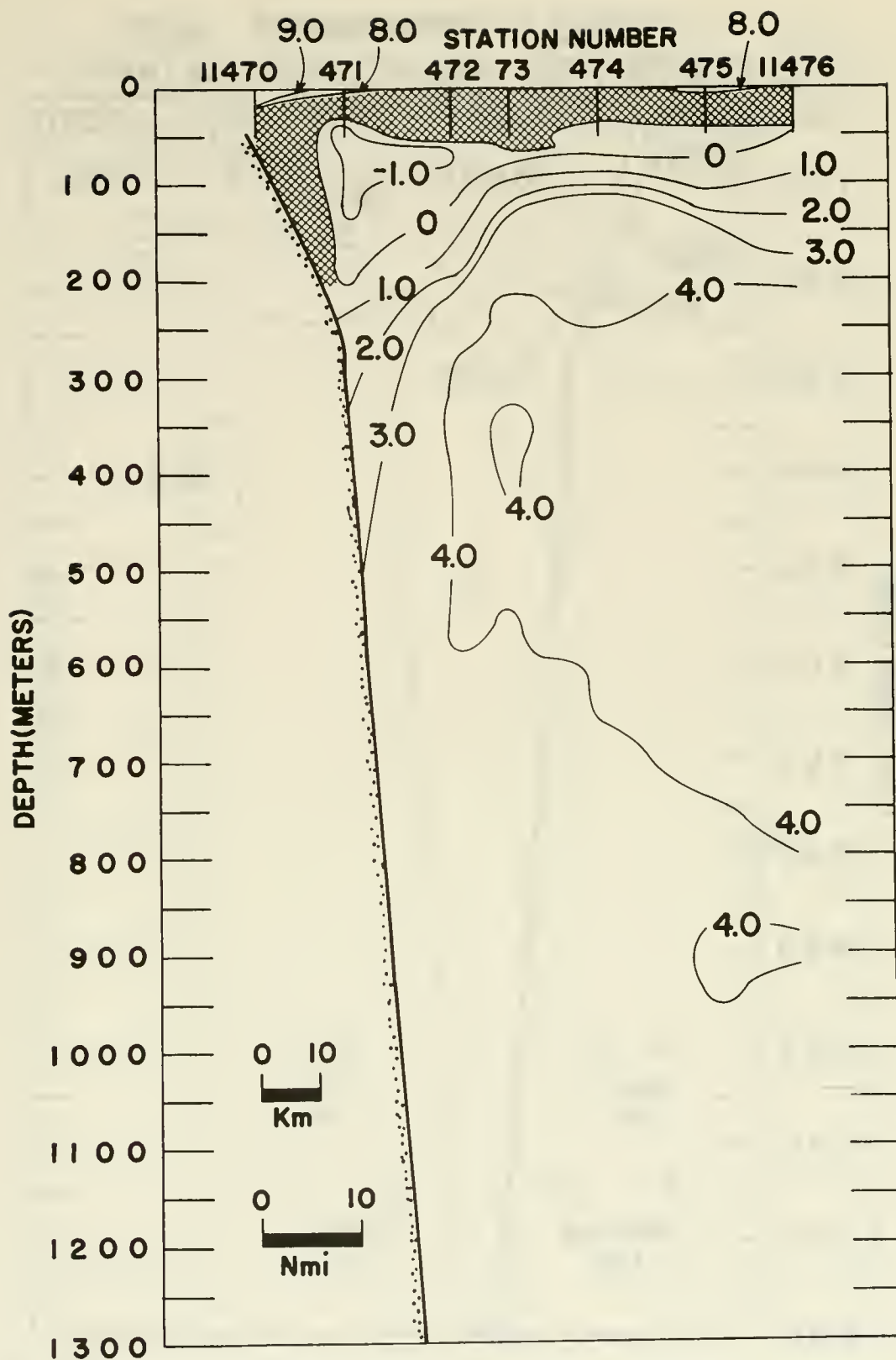


FIGURE 79. Vertical temperature ($^{\circ}\text{C}$) section 4, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6 July 1973.

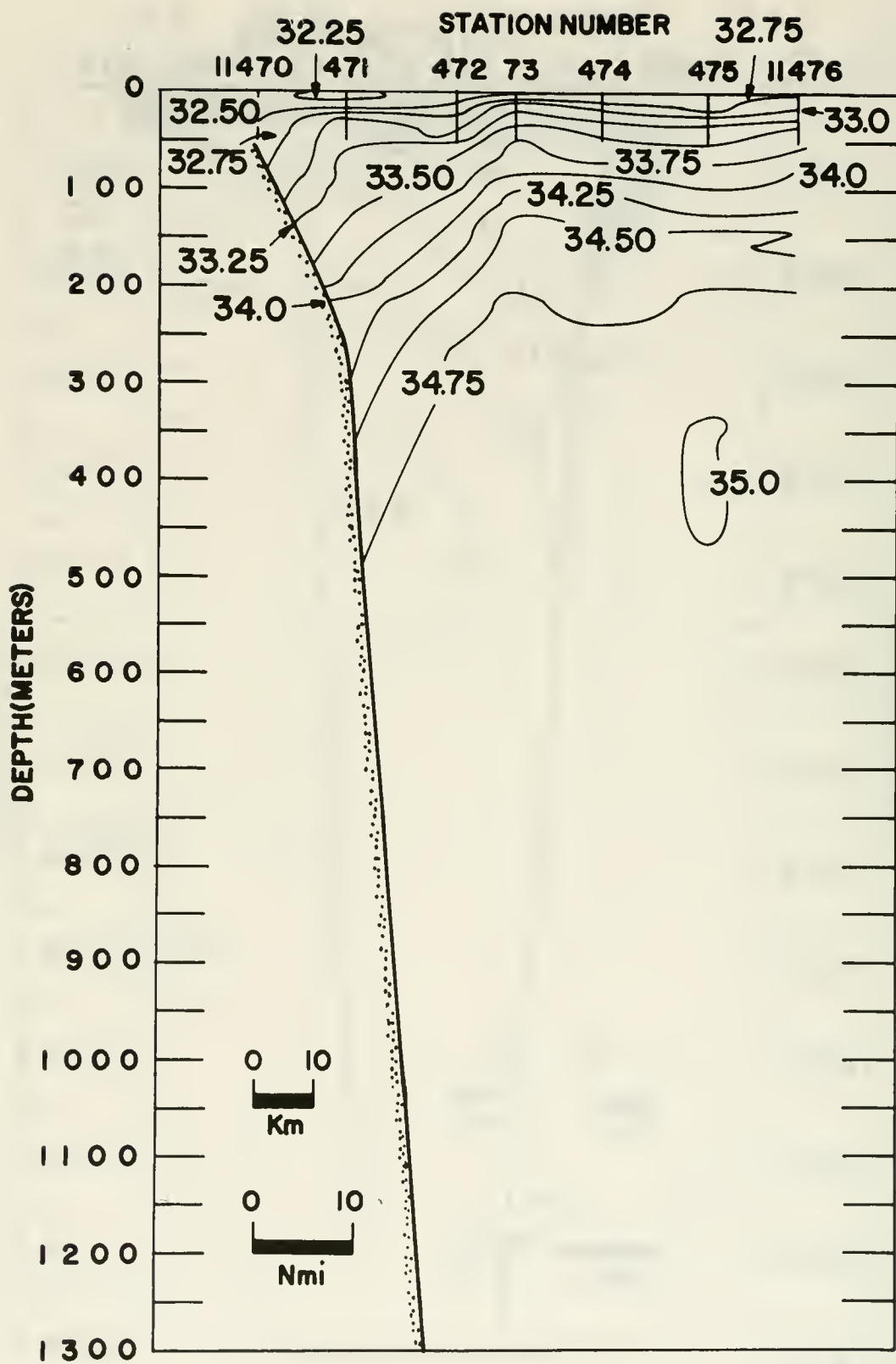


FIGURE 80. Vertical salinity (‰) section 4, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6 July 1973.

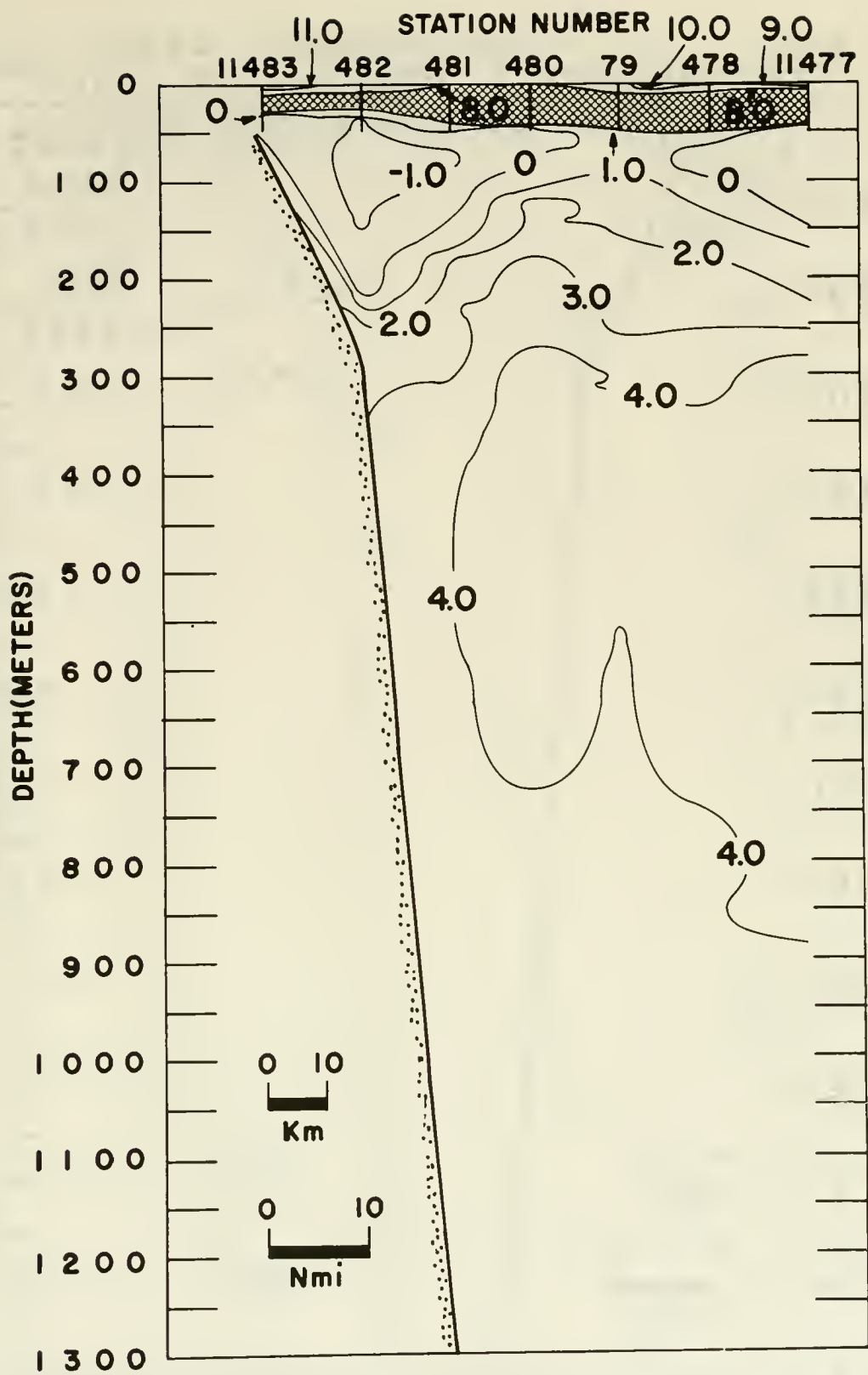


FIGURE 81. Vertical temperature ($^{\circ}\text{C}$) section 5, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6-7 July 1973.

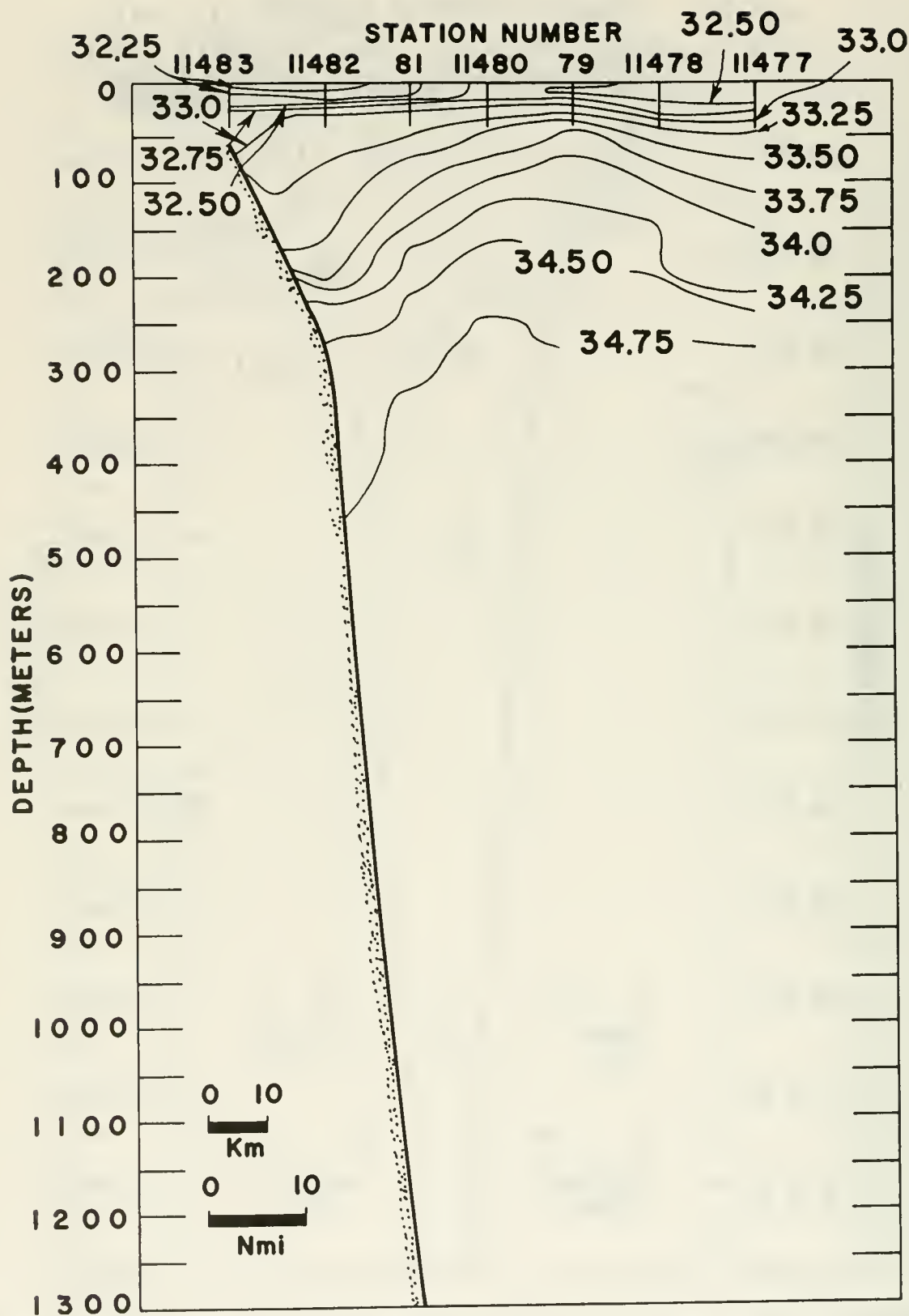


FIGURE 82. Vertical salinity (‰) section 5, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 6-7 July 1973.

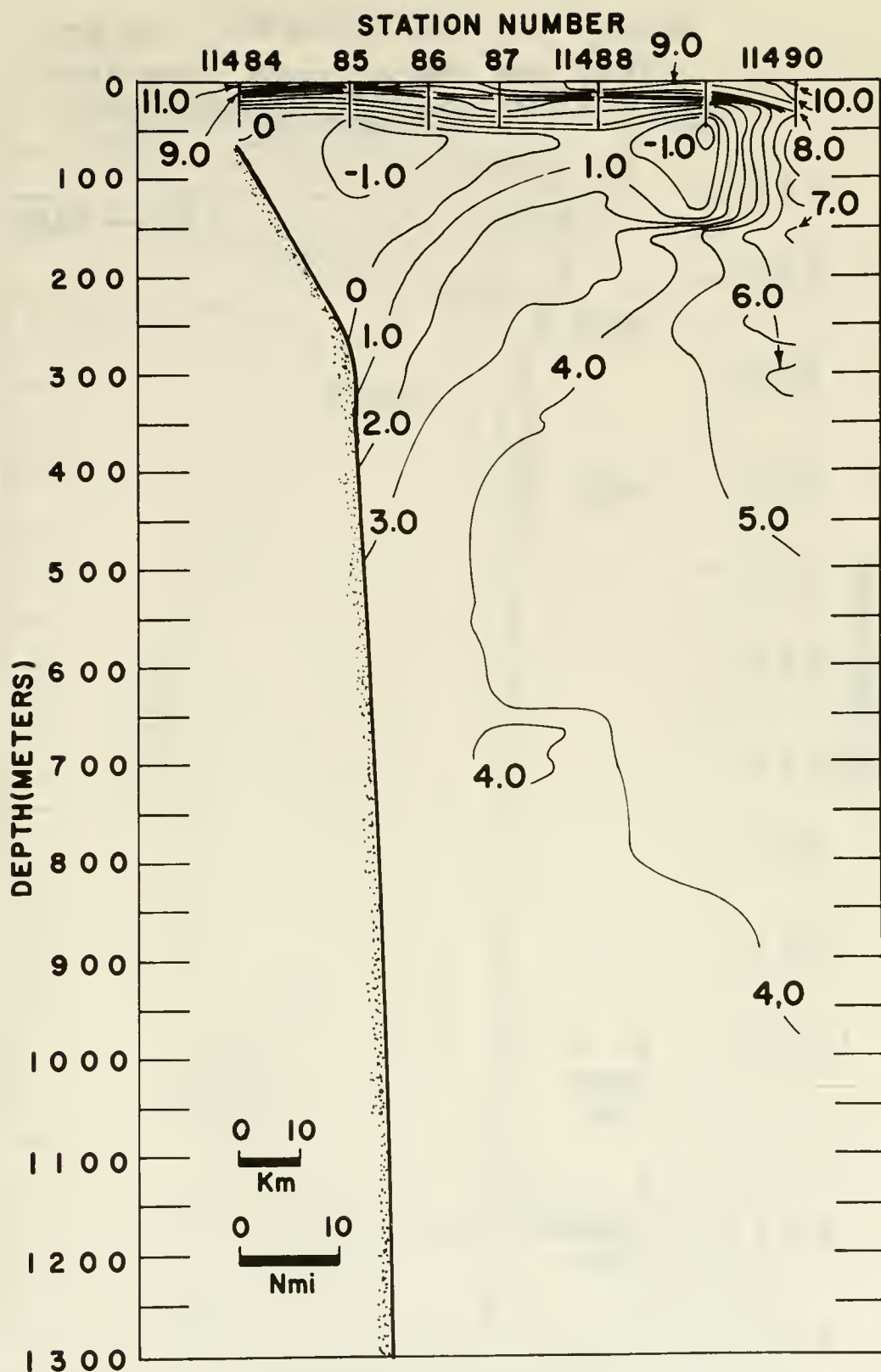


FIGURE 83. Vertical temperature ($^{\circ}\text{C}$) section 6, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 7 July 1973.

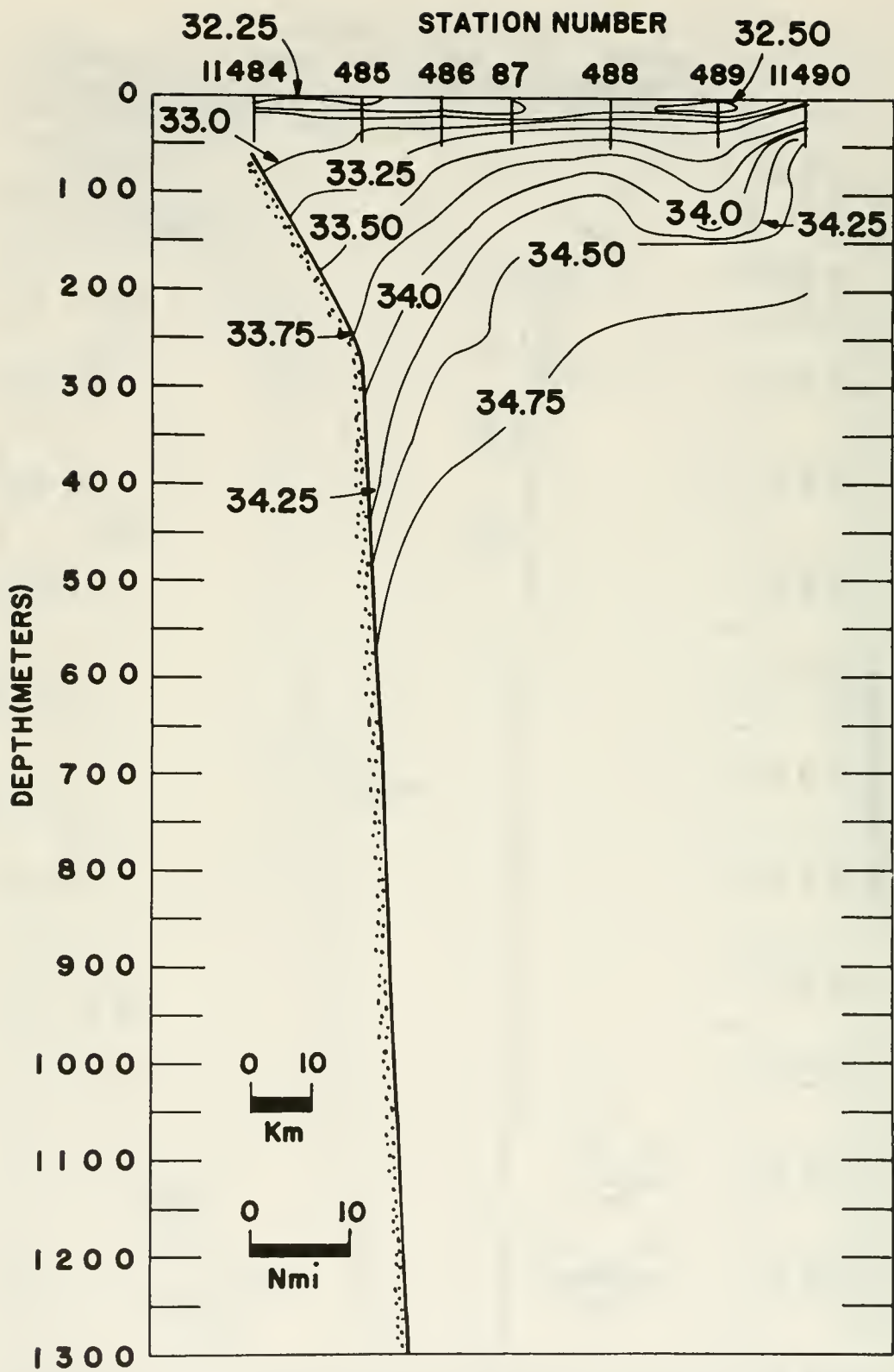


FIGURE 84. Vertical salinity ($^{\circ}/_{\text{oo}}$) section 6, Intensive Dynamic Survey III, occupied by CGC EVERGREEN, 7 July 1973.

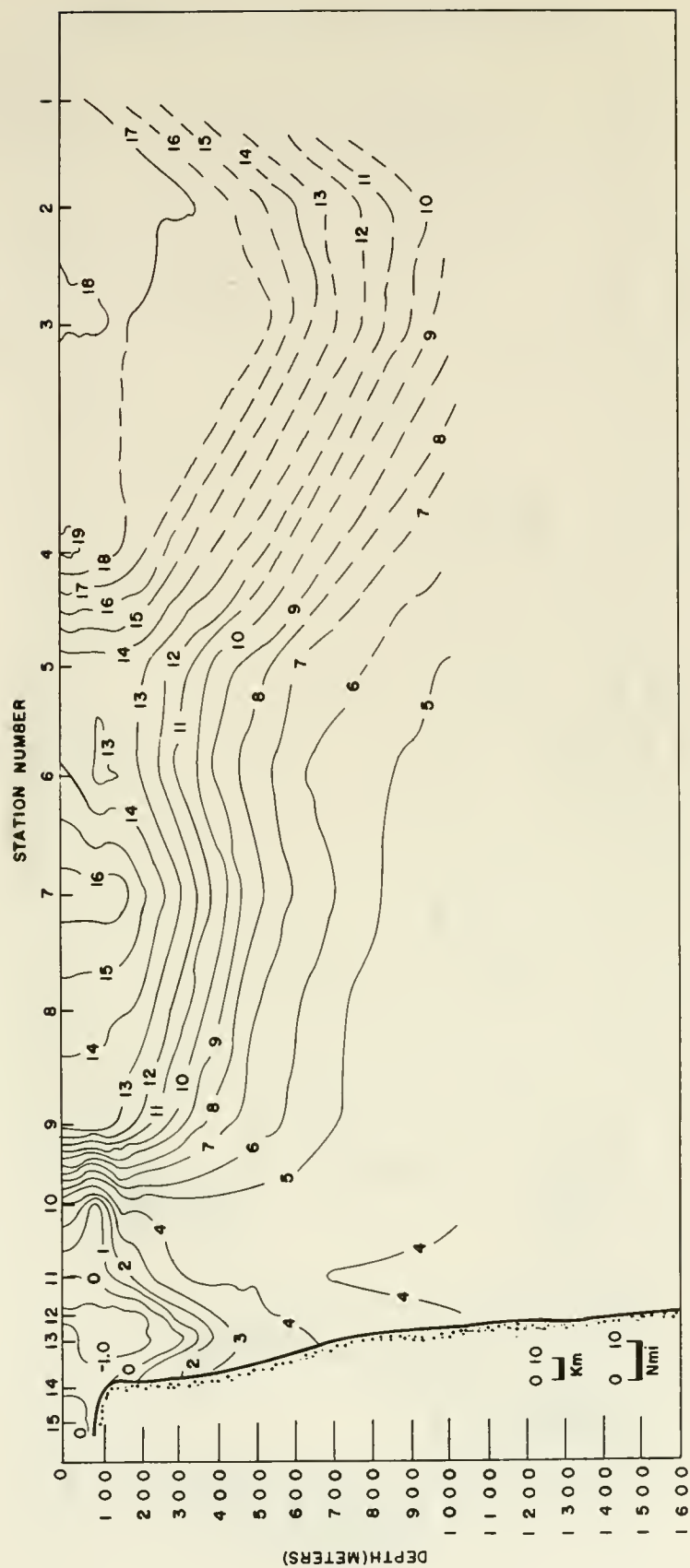


FIGURE 85. Vertical temperature ($^{\circ}\text{C}$) section, standard section A4-27, occupied by CGC CAMPBELL, 29 January-2 February 1973.

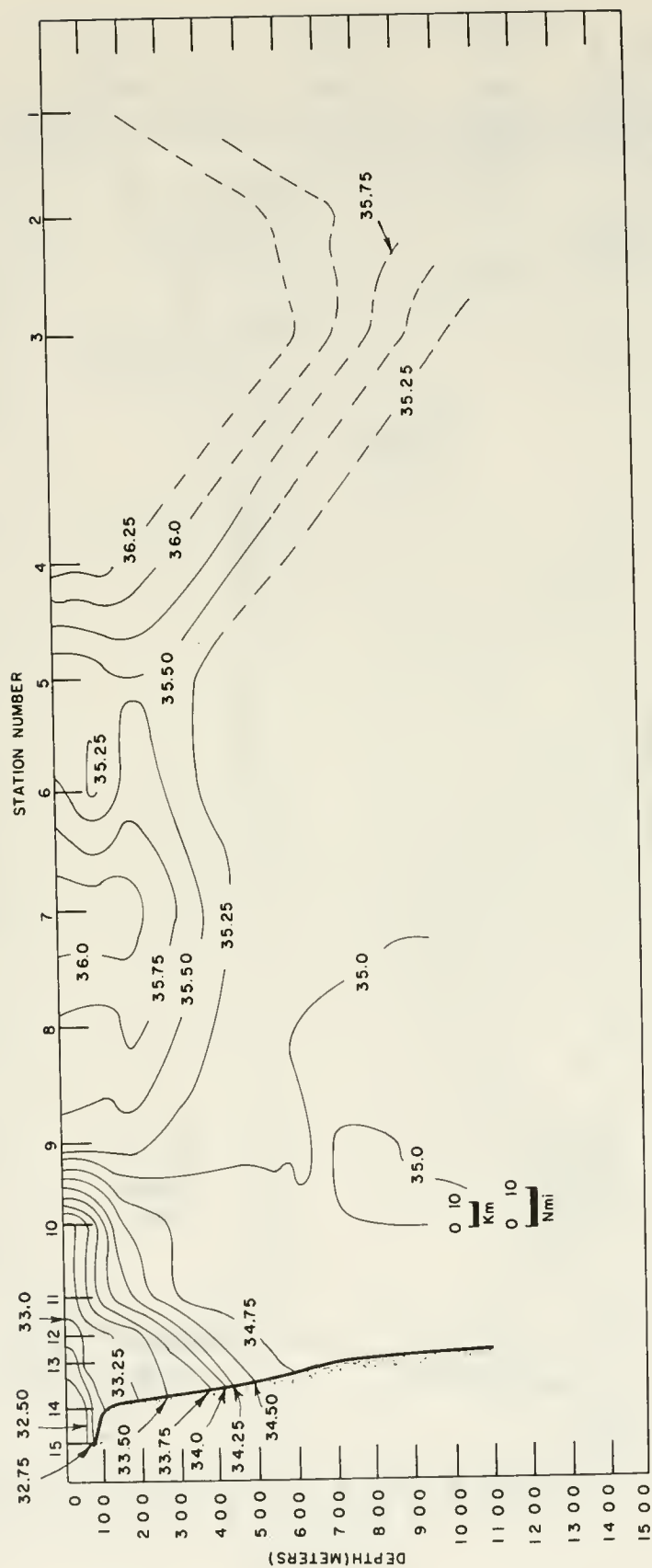


FIGURE 86. Vertical salinity ($^{\circ}/_{\infty}$) section, standard section A4-27, occupied by CGC CAMPBELL, 29 January-2 February 1973.

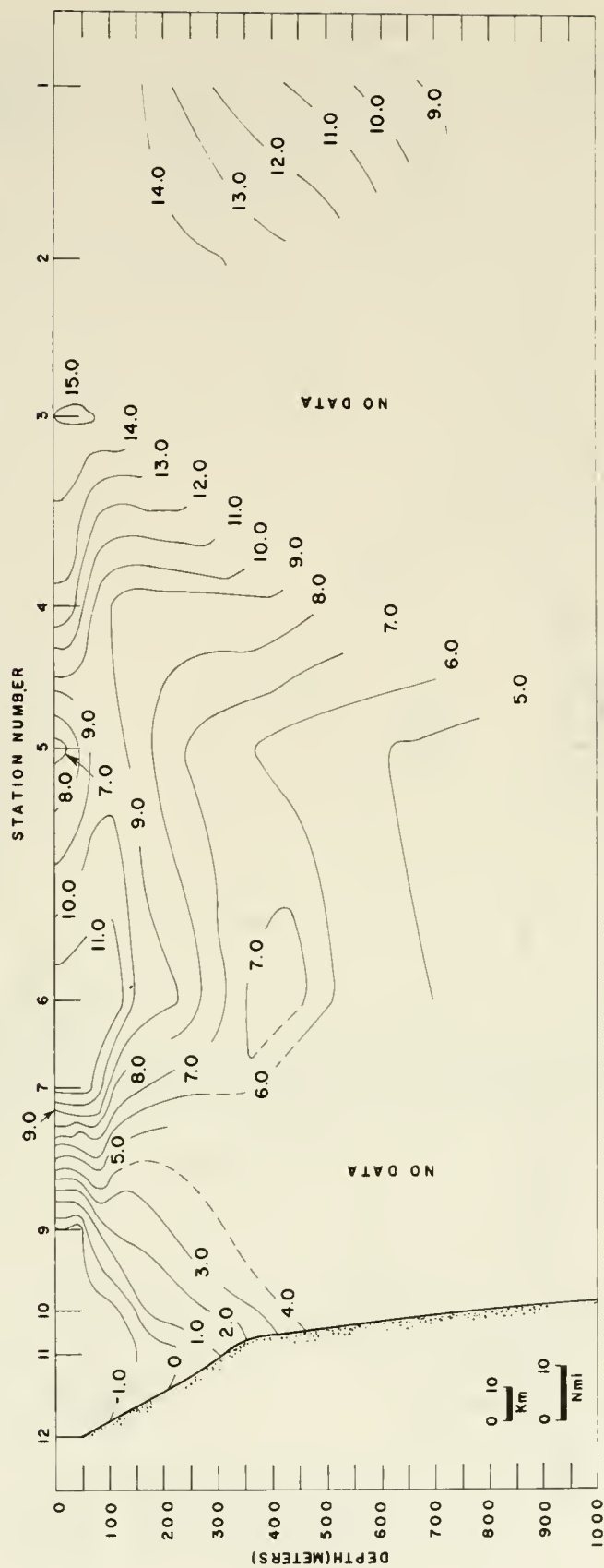


FIGURE 87. Vertical temperature ($^{\circ}\text{C}$) section, standard section A3-60, occupied by CGC OWASCO, 9-12 March 1973.

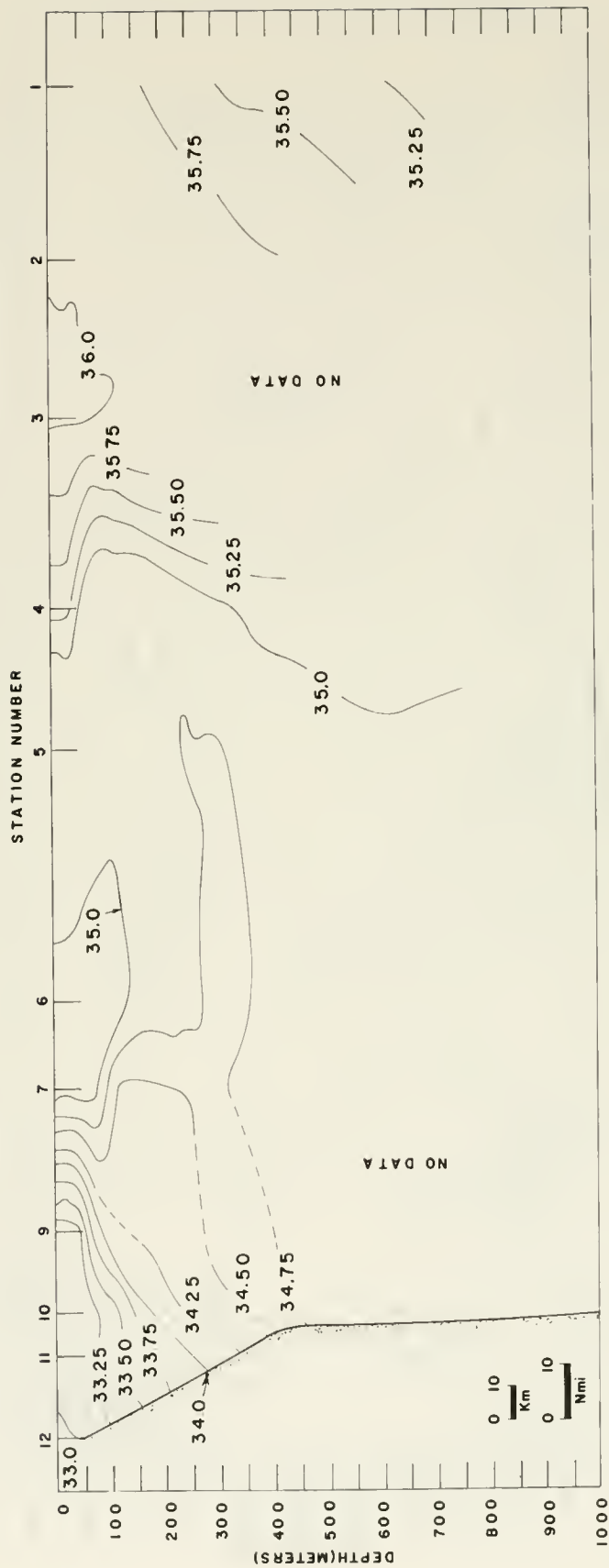


FIGURE 88. Vertical salinity ($^{\circ}/_{\infty}$) section, standard section A3-60, occupied by CGC OWASCO, 9-12 March 1973.

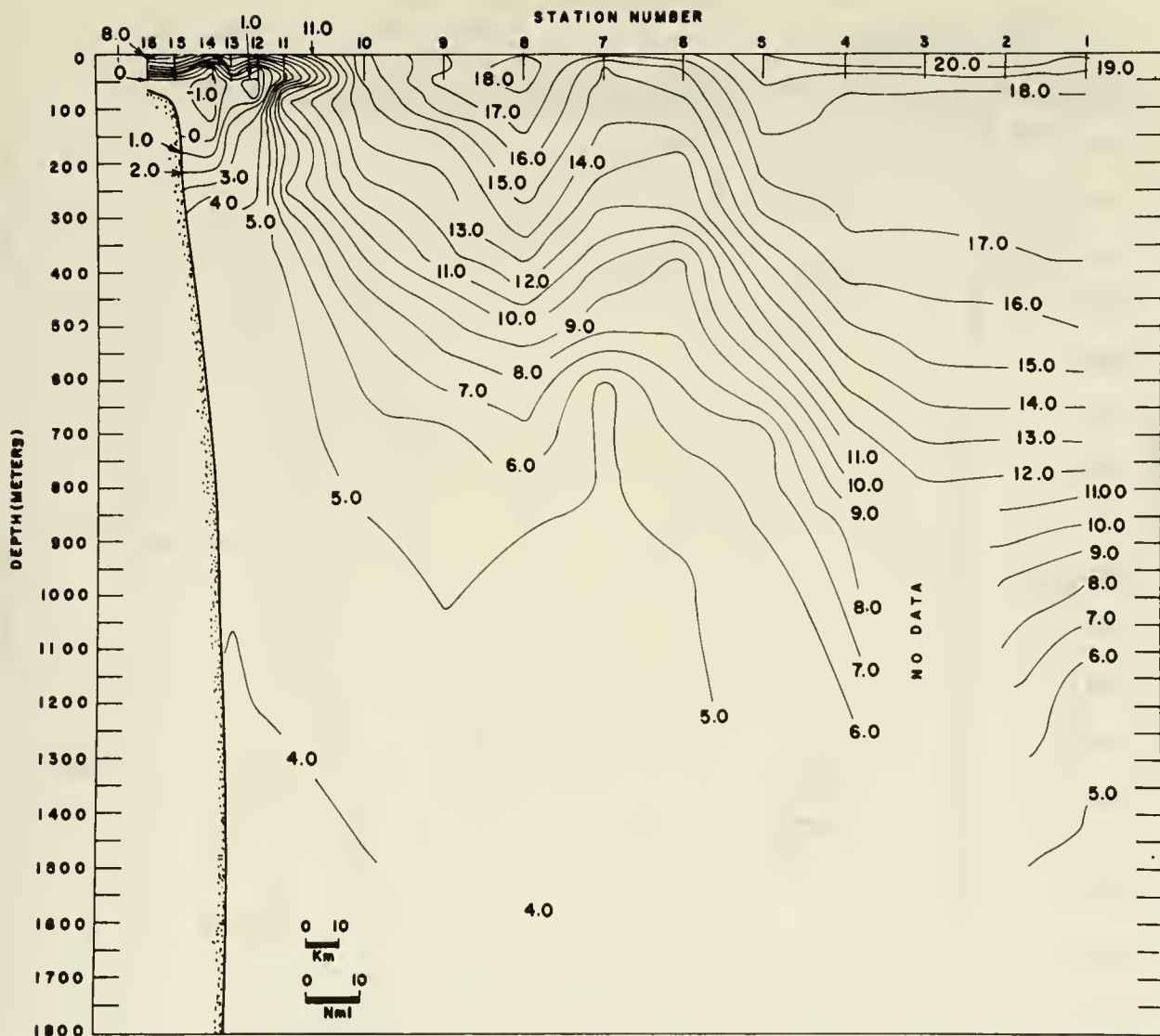


FIGURE 89. Vertical temperature ($^{\circ}\text{C}$) section, standard section A4-28, occupied by CGC BOUTWELL, 12-18 June 1973.

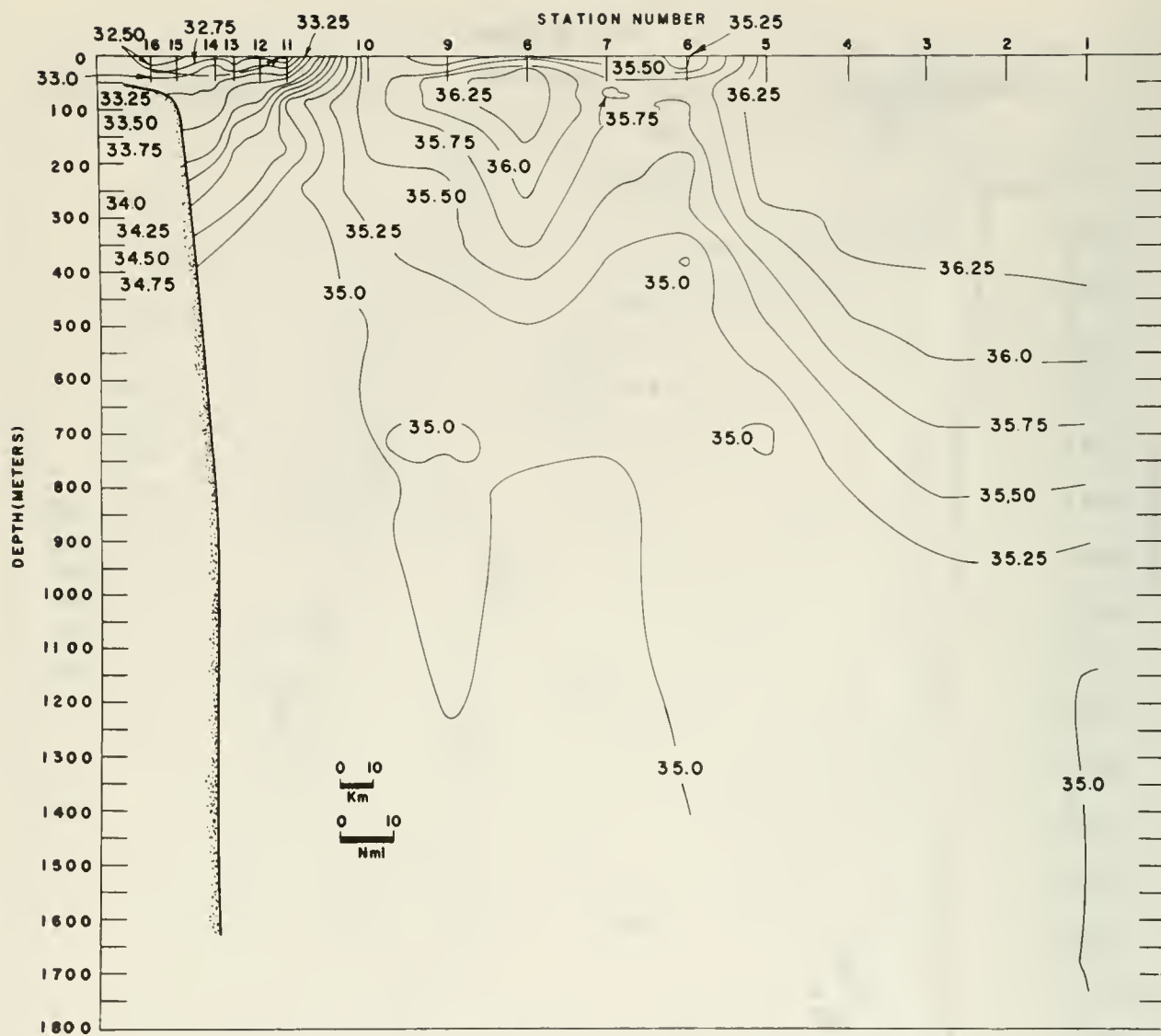


FIGURE 90. Vertical salinity (‰) section, standard section A4-28, occupied by CGC BOUTWELL, 12-18 June 1973.

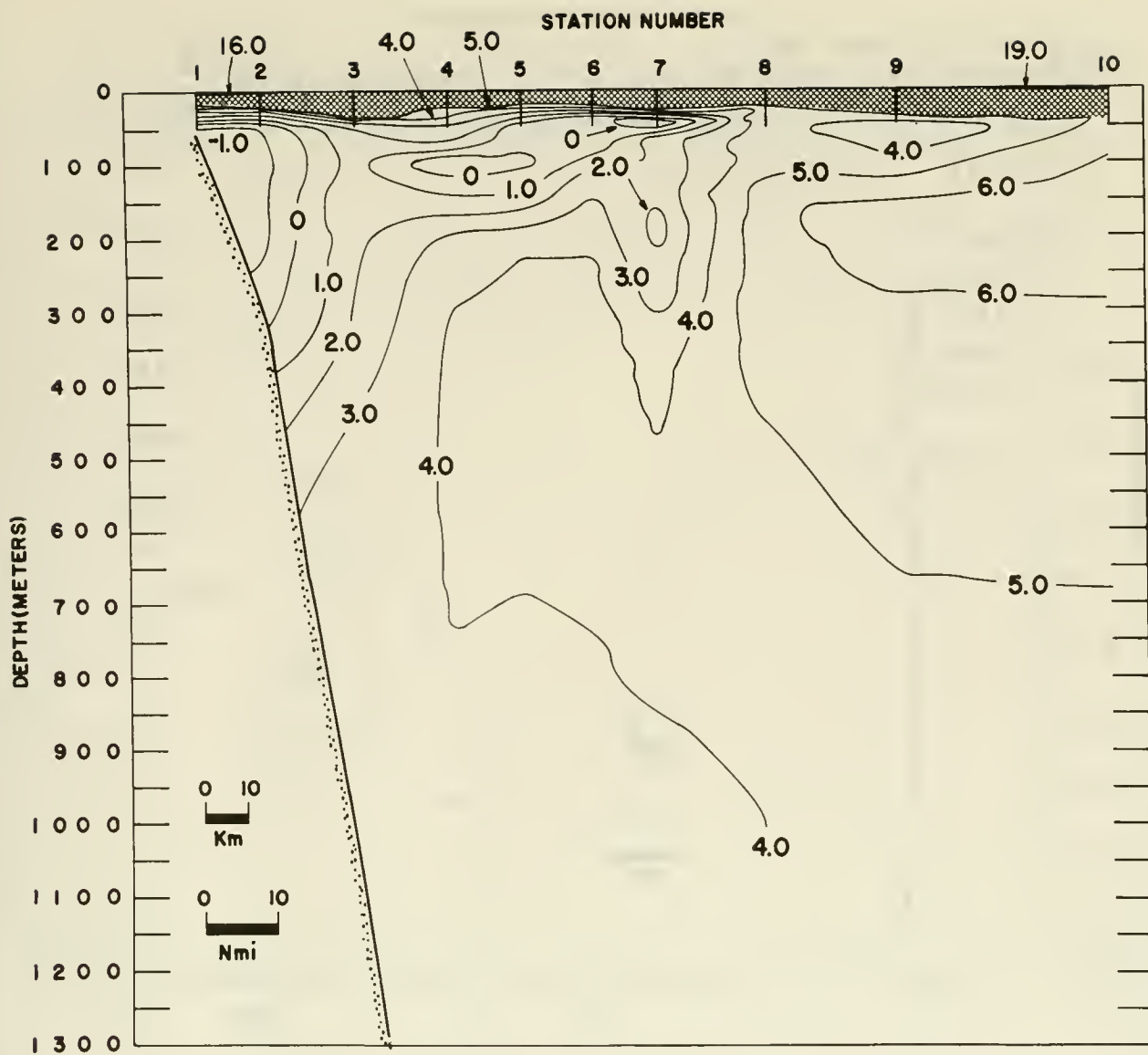


FIGURE 91. Vertical temperature ($^{\circ}\text{C}$) section, standard section A3-61, occupied by CGC MORGENTHAU, 18-25 July 1973.

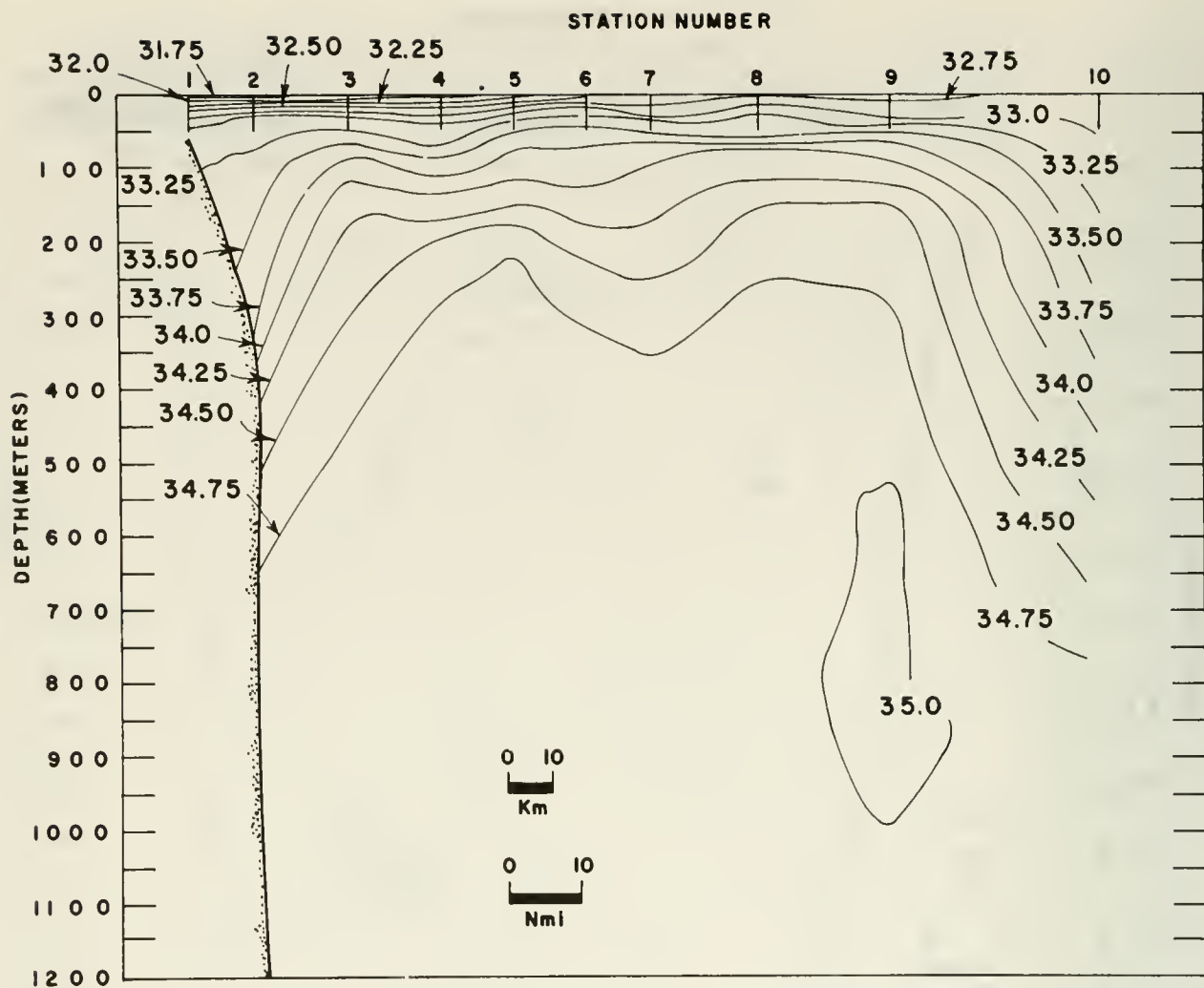


FIGURE 92. Vertical salinity (‰) section, standard section A3-61, occupied by CGC MORGENTHAU, 18-25 July 1973.

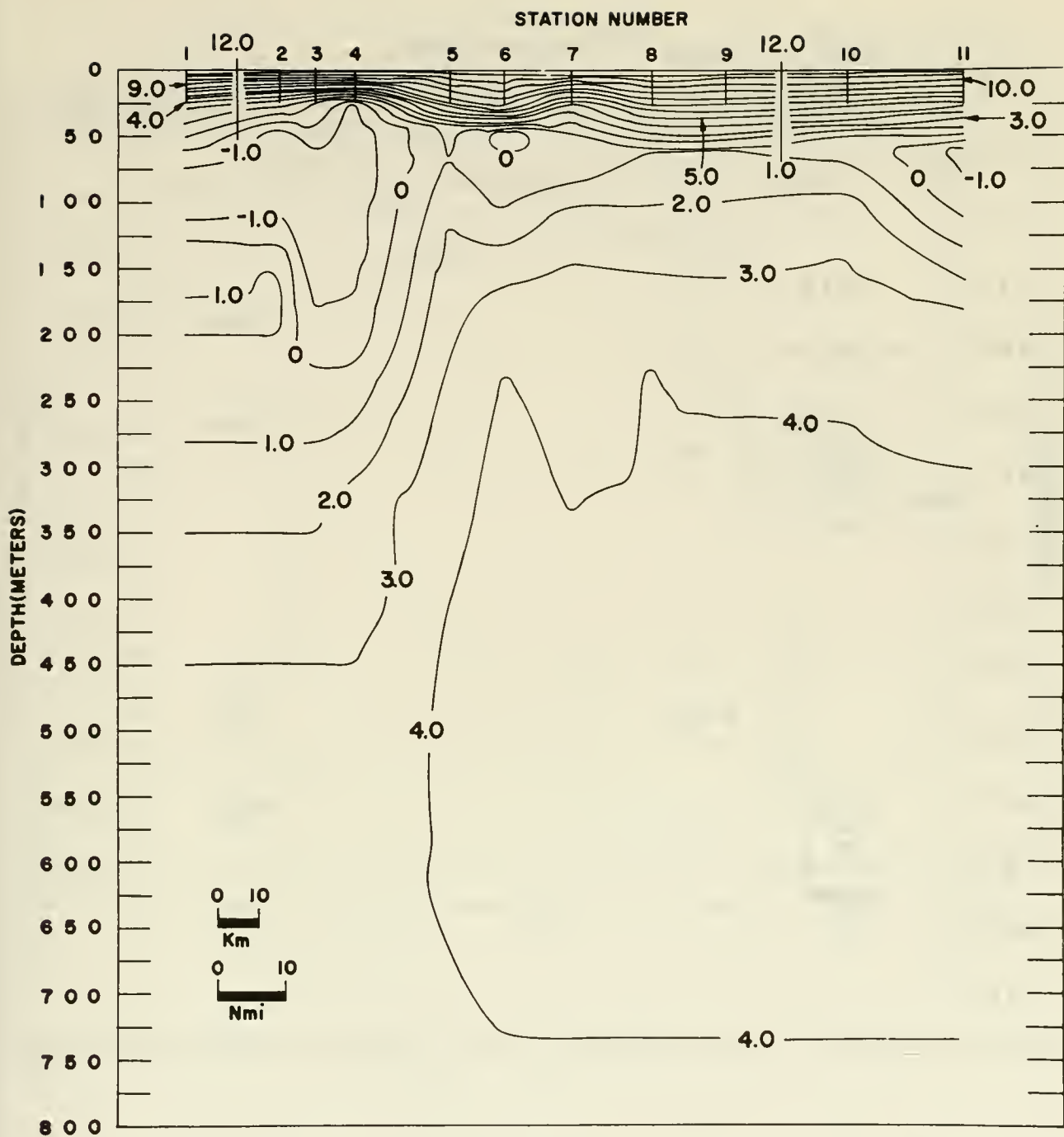


FIGURE 93. Vertical temperature ($^{\circ}\text{C}$) section, standard section A2-57, occupied by CGC INGHAM, 9-16 August 1973.

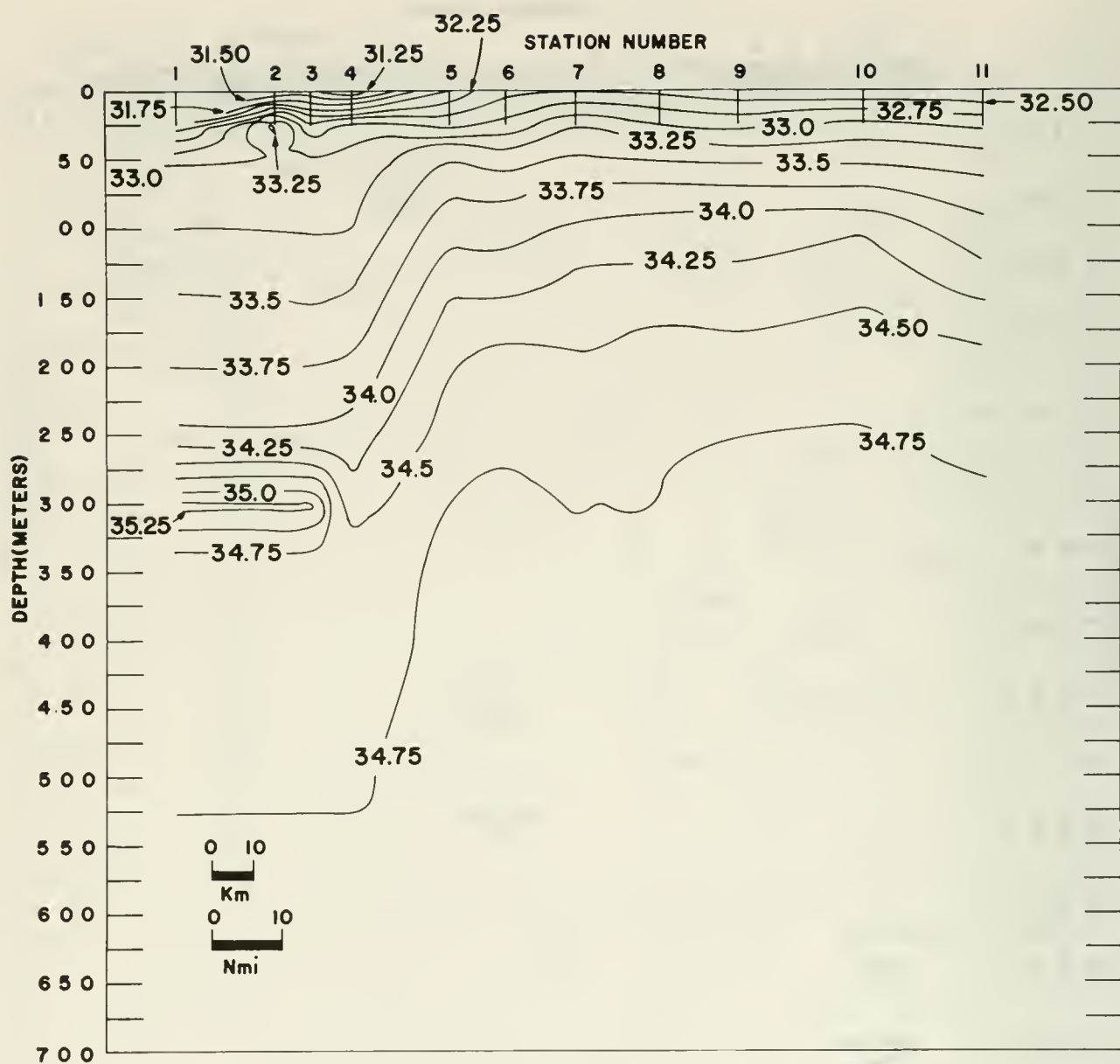


FIGURE 94. Vertical salinity ($^{\circ}/_{\text{oo}}$) section, standard section A2-57, occupied by CGC INGHAM, 9-16 August 1973.

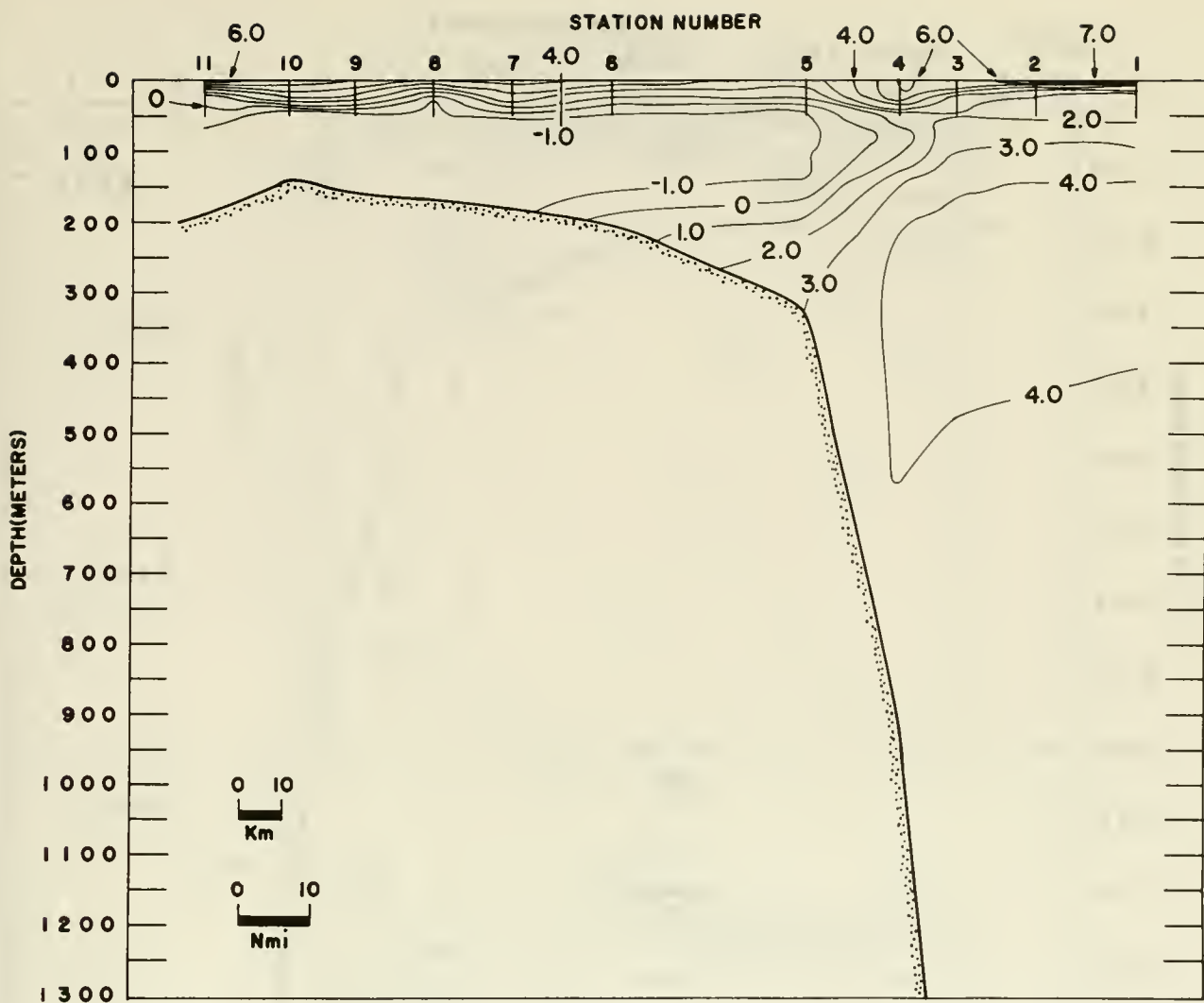


FIGURE 95. Vertical temperature ($^{\circ}\text{C}$) section, standard section A1-10, occupied by CGC MENDOTA, 10-16 August 1973.

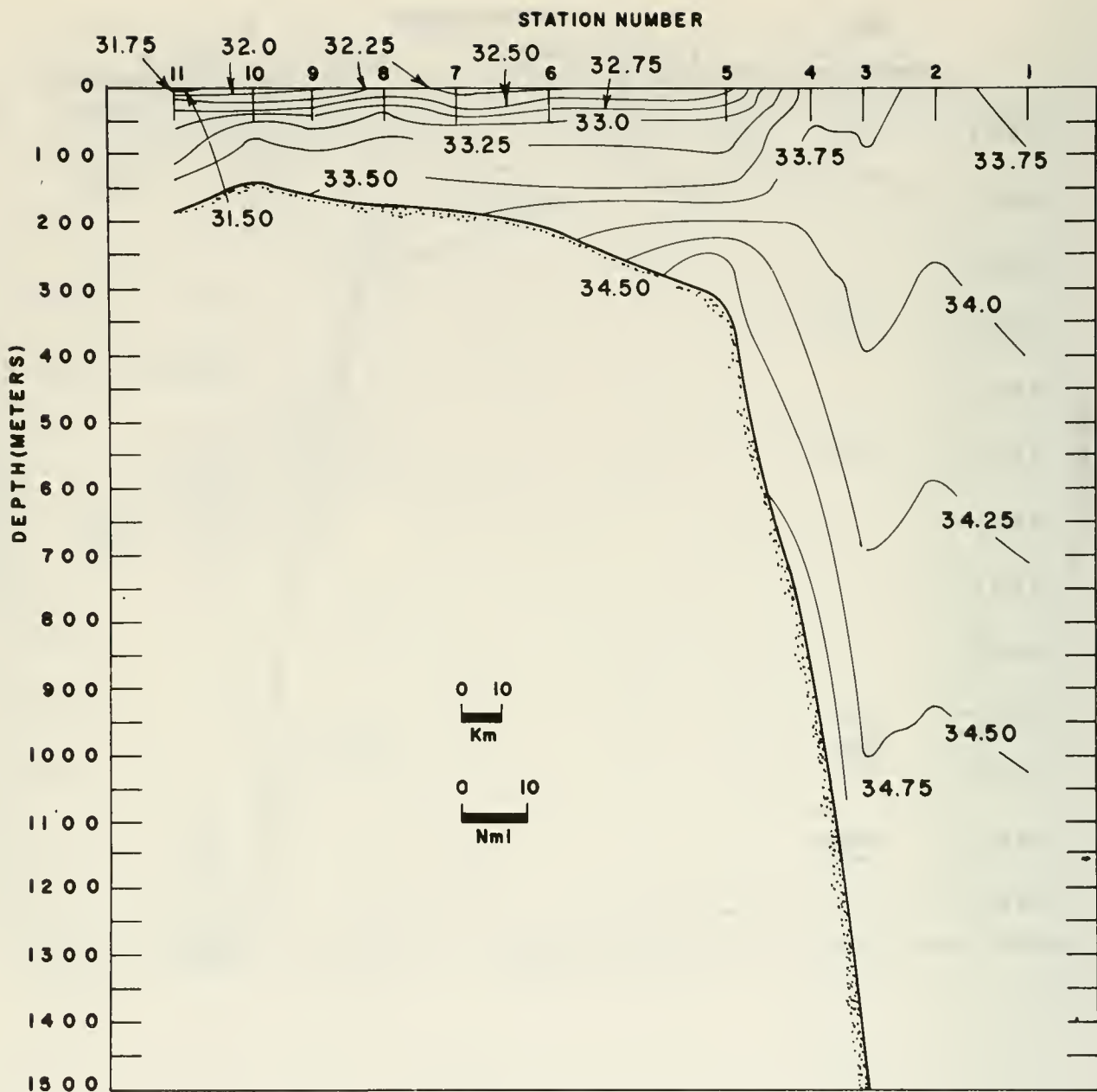


FIGURE 96. Vertical salinity ($^{\circ}/_{\text{oo}}$) section, standard section A1-10, occupied by CGC MENDOTA, 10-16 August 1973.

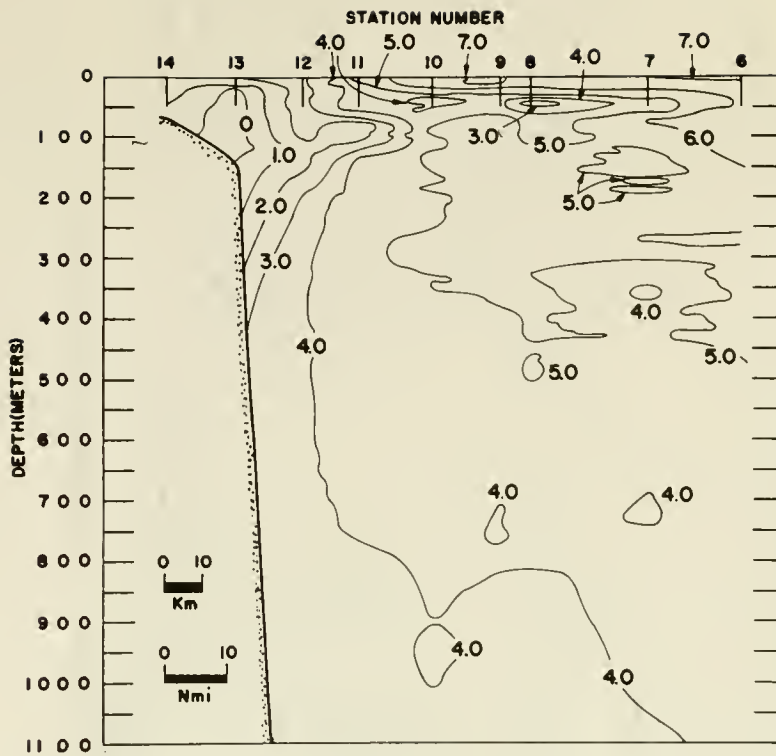


FIGURE 97. Vertical temperature ($^{\circ}\text{C}$) section, standard section A3-62, occupied by CGC DALLAS, 29 November-1 December 1973.

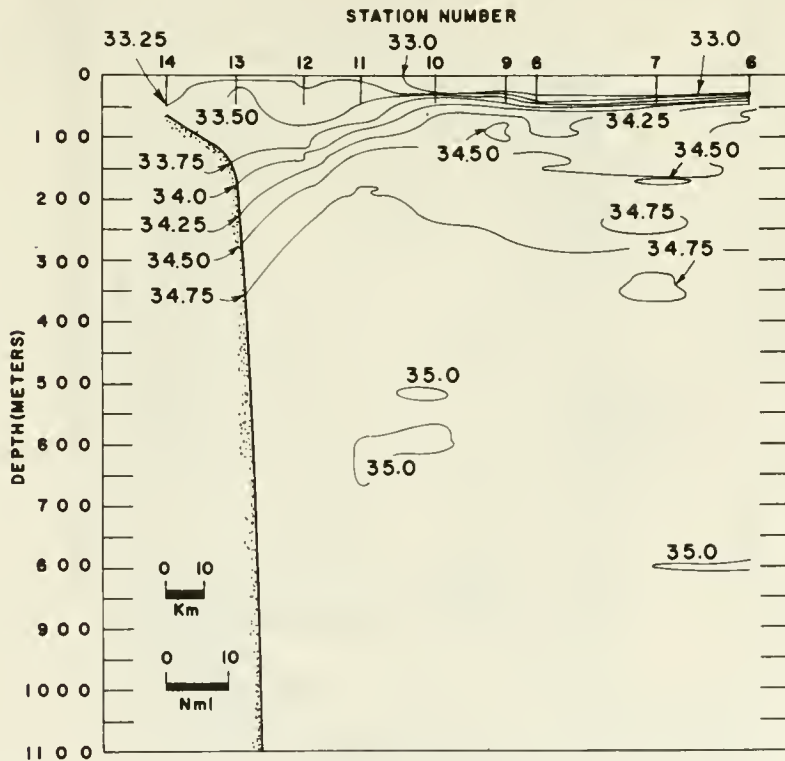


FIGURE 98. Vertical salinity ($^{\circ}/_{\text{oo}}$) section, standard section A3-62, occupied by CGC DALLAS, 29 November-1 December 1973.

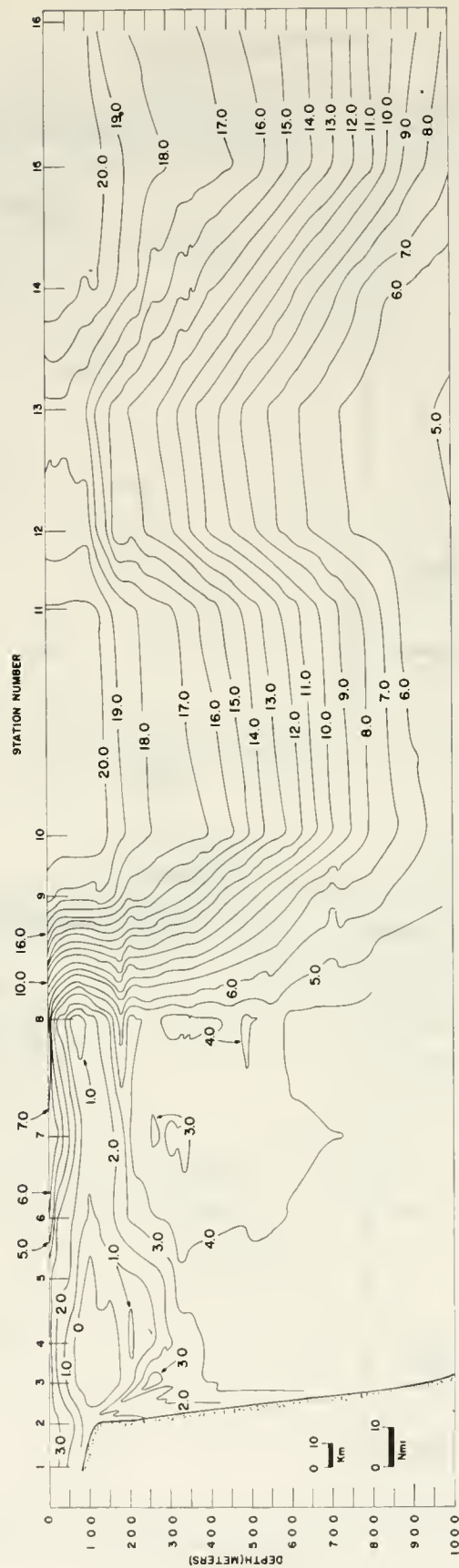


FIGURE 99. Vertical temperature ($^{\circ}\text{C}$) section, standard section A4-29, occupied by CGC HAMILTON, 30 November-2 December 1973.

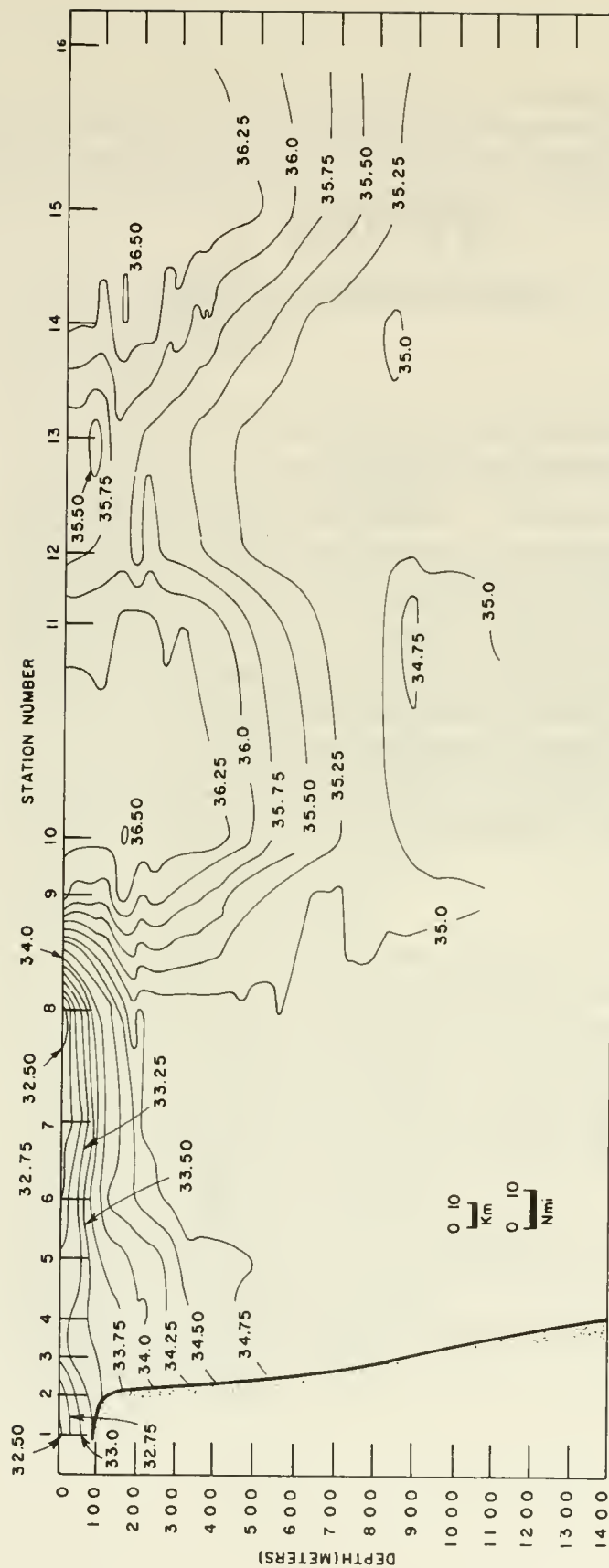


FIGURE 100. Vertical salinity ($^{\circ}/_{\infty}$) section, standard section A4-29, occupied by CGC HAMILTON, 30 November-2 December 1973.

APPENDIX A

OCEANOGRAPHIC DATA

Cruises Listed

<i>Table</i>	<i>Page</i>
I. USCGC EVERGREEN, 3-22 April 1973 -----	96
II. USCGC EVERGREEN, 8-28 May 1973 -----	147
III. USCGC EVERGREEN, 13 June-14 July 1973 -----	236
IV. USCGC CAMPBELL (A4-27) 29 January-2 February 1973 -----	375
V. USCGC OWASCO (A3-60) 9-12 March 1973 -----	382
VI. USCGC BOUTWELL (A4-28) 12-18 June 1973 -----	387
VII. USCGC MORGENTHAU (A3-61) 18-25 July 1973 -----	395
VIII. USCGC INGHAM (A2-57) 9-16 August 1973 -----	400
IX. USCGC MENDOTA (A1-10) 10-16 August 1973 -----	404
X. USCGC DALLAS (A3-62) 29 November-1 December 1973 -----	410
XI. USCGC HAMILTON (A4-29) 30 November-2 December 1973 ---	423

Codes Utilized

A complete description of the codes utilized in the tabulation of oceanographic station data can be found in National Oceanographic Data Center publication M-2, Processing Physical and Chemical Data from Oceanographic Stations. (Rev. August 1964, supplement issued May 1966.)

To facilitate use of the oceanographic station data listing, entry headings which are not self-explanatory are described below.

REFID	NODC reference identity number.
CONSEC	Consecutive station number.
BOTDP (B)	Uncorrected sounding depth in meters.
SHIP (B)	NODC assigned platform identity code.
DATA USE	Entry 1 identifies DNP data.
AREA	NODC ocean area code.
CLOUD T/A (B)	Cloud type according to WMO code 0500 and cloud amount according to WMO code 2700.
Wave observations	
DIR	Direction from which dominant waves are coming in tens of degrees according to WMO code 0885.
HGT	Height of dominant waves according to WMO code 1555.
PER	Period of dominant waves according to WMO code 3155.
SEA (B)	Sea state according to WMO code 3700.
CL/TR (B)	Water color according to forel-Ule code. Transparency in meters as determined by Secchi disc.
WIND DIR (B)	Direction from which wind is blowing in tens of degrees according to WMO code 0877.
WIND SPD (B)	Wind speed in knots.
WIND FOR (B)	Wind force in beaufort code.
WEATHER (B)	Weather code—If preceded by letter X is according to WMO code 4501. A numeric two digit entry indicates weather according to WMO code 4677.
INST	Instrument used for observation—"Nansen Cast" indicates station consists of Nansen cast data—"STD Recorder" indicates station consists of STD data or a mixture of STD and Nansen cast data.
TRACE DIR (B)	"Trace" indicator U (UP), D (DOWN), and A (AVERAGED)—used with STD casts, and specify that data were taken while hoisting or lowering respectively or that the two traces were averaged.
DURATION (B)	Time elapsed during raising or lowering of the STD recorder to tenths of hours.
ORIG (B)	Originator's reference number in two parts—cruise number or 3 characters (if year of cruise forms part of cruise number years digits may sometimes only be found in "Year" field), and station number.
TEN SQ	Ten-degree square—modified Canadian square number.
5 SQUARE	Five-degree squares—modified Canadian system.
2 SQUARE	Two-degree squares—modified Canadian system.
1 SQUARE	One-degree squares—modified Canadian system.
CASTNUM (B)	Number of cast on multicast stations (blank when messenger time is given).
TIME (B)	Time of release of messenger in hour and tenths for applicable observed levels. If multicast series extends past midnight, 24 hours are added to cast time of next day. Beginning time for STD is given at first obs depth.
LVLTP	Type of record at depth indicated. "OBS"—observed values. For STD recorder = level of data read-out. "STD"—NODC standard interpolated values. "ORG"—Standard or other depths carrying non-NODC interpolated values. "LIT"—Interpolated standard depth values used as obs for computational purposes. Note—When an observed level coincides with a STD depth level, both "STD" and "OBS" lines will appear.
DEPTH	Depth of sample (or standard level) in whole meters. Prefix "T" indicates thermometrically determined depth (depth of unprotected thermometers). Subscript "Q" indicates that the value is marked doubtful by the originator. A value designated as implausible by NODC is marked with a "P". Postscript "Z" indicates uncorrected and inaccurate 'Wire-out' depths (high wire angle present).
TEMP (B)	Temperature in degrees celsius. For 'Q' and 'P' notation see depth field.
SAL (B)	Salinity in parts per thousand. For 'Q' and 'P' notation see depth field.
SIGMA-T (B)	Seawater density anomaly to 2 decimal places. When depth, temp, or salinity is doubtful, a 'Q' is suffixed. An asterisk indicates a decrease of 0.02 or more from the previous level.
DYNDPTH	Dynamic depth anomaly in dynamic meters to millimeters.
SND VEL (B)	Sound velocity in meters per second to decimeters according to Wilson's formula. (A standard depth-pressure term is used for stations not beginning at the surface).
OXYG (B)	Oxygen in ML/L to hundredths.

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.

NOOC STATION DATA

REFID 31 8355 YEAR 1973 BOTOP 00060 AIR TEMP 07.8 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1307
CONSEC 0001 MONTH 04 SHIP EV WET BULB 07.0 24 1 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 1
LAT 43 15 N DAY 07 DATA USE 1 BAROMETR 0998.6 SEA WIND-FOR DURATION 2 SQUARE 20
LONG 050 20 W HOUR 14.5 AREA 05 CLOUD T/A CL/TR WEATHER X1. ORIG 011 186 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
14.5	STD	00000	01.12	32.71	26.22	00.000	1451.2							
	085	00001	01.12	32.707	26.22		1451.2							
	085	00003	01.10	32.687	26.20		1451.1							
	085	00007	03.44	32.695	26.25		1448.2							
	085	00009	00.21	32.727	26.29		1447.3							
	STD	00010	00.20	32.72	26.28	00.016	1447.2							
	085	00011	00.16	32.715	26.28		1447.0							
	STD	00020	- 0.12	32.77	26.53	00.035	1446.0							
	085	00020	- 0.14	32.772	26.54		1445.9							
	STD	00030	- 0.27	32.77	26.54	00.052	1445.4							
	085	00030	- 0.26	32.773	26.54		1445.4							
	STD	00050	- 0.65	32.65	26.42	00.085	1444.1							
	085	00051	- 0.68	32.860	26.43		1444.0							

REFID 31 8355 YEAR 1973 BOTOP 00077 AIR TEMP 05.8 DIR HGT PER WIND-DIR 15 INST STD RECORDER TEN SQ 1307
CONSEC 0002 MONTH 04 SHIP EV WET BULB 08.8 21 3 3 WIND-SPD 14 TRACE DIR 0 5 SQUARE 1
LAT 43 10 N DAY 07 DATA USE 1 BAROMETR 0997.2 SEA WIND-FOR DURATION 2 SQUARE 20
LONG 050 20 W HOUR 15.8 AREA 05 CLOUD T/A CL/TR WEATHER X0. ORIG 011 187 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
15.8	STD	00000	01.06	32.90	26.38	00.000	1451.2							
	085	00000	01.06	32.930	26.38		1451.2							
	STD	00010	- 0.89	33.01	26.56	00.016	1442.6							
	085	00010	- 0.89	33.010	26.56		1442.6							
	085	00015	- 1.01	33.030	26.58		1442.1							
	STD	00020	- 1.01	33.03	26.58	00.030	1442.2							
	085	00020	- 1.01	33.030	26.58		1442.2							
	STD	00030	- 1.05	33.03	26.56	00.045	1442.2							
	085	00030	- 1.05	33.030	26.58		1442.2							
	085	00035	- 1.18	33.060	26.61		1441.7							
	STD	00050	- 1.28	33.10	26.64	00.074	1441.5							
	085	00050	- 1.28	33.100	26.64		1441.5							
	085	00055	- 1.31	33.110	26.65		1441.5							

REFID 31 8355 YEAR 1973 BOTOP 00123 AIR TEMP 11.2 DIR HGT PER WIND-DIR 17 INST STD RECORDER TEN SQ 1307
CONSEC 0003 MONTH 04 SHIP EV WET BULB 09.5 16 2 4 WIND-SPD 18 TRACE DIR 0 5 SQUARE 1
LAT 43 03 N DAY 07 DATA USE 1 BAROMETR 0997.2 SEA WIND-FOR DURATION 2 SQUARE 20
LONG 050 21 W HOUR 17.0 AREA 05 CLOUD T/A CL/TR WEATHER A1. ORIG 011 188 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
17.0	STD	00000	00.55	33.26	26.71	00.000	1448.5							
	085	00005	00.55	33.260	26.71		1448.6							
	STD	00010	00.55	33.26	26.71	00.013	1448.6							
	085	00011	00.55	33.260	26.71		1448.7							
	085	00015	00.14	33.260	26.72		1447.8							
	085	00019	- 0.92	33.240	26.75		1442.9							
	STD	00020	- 0.99	33.24	26.75	00.027	1442.6							
	085	00020	- 1.05	33.250	26.76		1442.3							
	STD	00030	- 1.19	33.38	26.87	00.039	1442.0							
	085	00030	- 1.20	33.390	26.88		1442.0							
	085	00032	- 1.16	33.410	26.89		1442.2							
	085	00034	00.61	33.500	26.89		1450.6							
	085	00036	00.62	33.510	26.89		1450.6							
	085	00040	00.86	33.520	26.89		1451.8							
	085	00045	01.15	33.590	26.93		1453.4							
	STD	00050	01.15	33.60	26.93	00.062	1453.4							
	085	00051	01.16	33.610	26.94		1453.5							
	085	00062	01.55	33.660	26.95		1455.5							
	085	00066	02.53	33.780	26.97		1460.0							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31 6355	YEAR 1973	BOTOP 00219	AIR TEMP 05.8	DIR MGT PER	WIND-DIR 29	INST STD RECORDER	TEN SQ 1507
CONSEC 0004	MONTH 04	SHIP EV	WET BULB 07.6	22 3 4	WIND-SPD 15	TRACE DIR 0	5 SQUARE 1
LAT 42 56 N	DAY 07	DATA USE 1	BAROMETR 0997.9	SEA	WIND-FGR	DURATION	2 SQUARE 20
LONG 050 17 W	HOOR 17.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	DRIG 011 189	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	QXYG	P04	TOT P	NO2	NO3	S103	PM
17.5	085	00020	02.53	33.740	26.54		1459.2							
	085	00020	02.61	33.730	26.53		1459.6							
	STO	00030	02.04	33.74	26.93		1459.8							
	085	00030	02.65	33.740	26.53		1455.5							
	085	00034	02.74	33.750	26.53		1460.3							
	085	00043	03.62	33.860	26.54		1464.4							
	STO	00050	03.78	33.94	26.58		1465.3							
	085	00051	03.62	33.950	26.99		1465.5							
	085	00074	04.73	34.070	26.55		1469.5							
	STO	00075	04.75	34.05	27.00		1470.2							
	085	00078	05.02	34.140	27.01		1471.2							
	085	00079	05.15	34.140	27.03		1471.8							
	085	00087	06.11	34.290	27.00		1476.0							
	085	00093	06.16	34.290	26.95		1476.5							
	085	00095	06.54	34.410	27.04		1478.1							
	STO	00100	06.50	34.42	27.04		1478.2							
	085	00100	06.59	34.430	27.05		1478.5							
	085	00106	07.02	34.500	27.04		1480.3							
	STO	00125	07.13	34.50	27.03		1481.3							
	085	00146	07.28	34.510	27.01		1481.5							
	STO	00150	07.25	34.50	27.01		1481.8							
	085	00150	07.24	34.500	27.01		1481.8							
	085	00150	07.07	34.490	27.03		1481.2							
	085	00158	06.77	34.500	27.08		1480.1							
	085	00169	06.75	34.500	27.07		1480.3							

REFID 31 6355	YEAR 1973	BOTOP 00320	AIR TEMP 08.6	DIR MGT PER	WIND-DIR 30	INST STD RECORDER	TEN SQ 1507
CONSEC 0005	MONTH 04	SHIP EV	WET BULB 05.9	24 1 2	WIND-SPD 07	TRACE DIR 0	5 SQUARE 1
LAT 42 53 N	DAY 07	DATA USE 1	BAROMETR 0998.9	SEA	WIND-FGR	DURATION	2 SQUARE 20
LONG 050 20 W	HOOR 15.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	DRIG 011 190	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	QXYG	P04	TOT P	NO2	NO3	S103	PM
19.3	STO	00000	09.57	34.64	26.70	00.000	1485.8							
	085	00003	09.57	34.640	26.70		1486.9							
	STO	00010	10.05	34.73	26.75	00.013	1490.5							
	085	00011	10.13	34.750	26.75		1490.7							
	STO	00020	10.51	34.87	26.78	00.026	1492.4							
	085	00020	10.55	34.880	26.78		1492.6							
	STO	00030	10.86	34.98	26.80	00.035	1493.9							
	085	00030	10.87	34.980	26.80		1494.0							
	STO	00050	10.95	34.97	26.78	00.065	1494.6							
	085	00051	10.96	34.970	26.78		1494.6							
	085	00055	10.98	35.080	26.86		1494.5							
	085	00059	11.25	35.120	26.64		1496.0							
	STO	00075	11.40	35.11	26.81	00.096	1496.7							
	085	00076	11.40	35.110	26.81		1496.8							
	085	00085	11.37	35.100	26.80		1496.8							
	085	00085	11.17	35.080	26.83		1496.1							
	085	00099	09.94	34.850	26.86		1491.7							
	STO	00100	05.86	34.84	26.87	00.127	1491.3							
	085	00100	05.77	34.830	26.88		1491.0							
	085	00100	05.64	34.840	26.91		1490.6							
	085	00108	05.35	34.750	26.88		1485.6							
	085	00112	09.24	34.750	26.90		1485.1							
	085	00116	09.35	34.750	26.92		1409.6							
	085	00119	08.10	34.590	26.95		1485.0							
	085	00123	08.06	34.630	26.99		1484.7							
	STO	00125	07.79	34.58	27.00	00.156	1483.6							
	085	00131	06.72	34.390	27.00		1479.3							
	085	00135	06.25	34.250	26.98		1477.4							
	085	00148	05.60	34.260	27.04		1474.9							
	STO	00150	05.46	34.28	27.08	00.185	1474.4							
	085	00150	05.43	34.250	27.08		1474.3							
	085	00159	05.36	34.290	27.09		1474.2							
	085	00169	05.51	34.250	27.07		1474.9							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOBC STATION DATA

REFID 21 8355	YEAR 1973	BOATOP 00713	AIR TEMP 13.5	DIR HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SO 1307
CONSEC 0036	MONTH 04	SHIP EV	WET BULB 09.8	11 3 3	WIND-SPD 14	TRACE DIR 0	5 SQUARE 1
LAT 42 47 N	DAY 07	DATA USE 1	BAROMETR 0998.9	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 153 10 W	HOOR 20.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 191	1 SQUARE 20

LASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYG	PC4	TOT P	MO2	MO3	S103	PH
20.5	STD	00000	10.14	34.74	26.74	00.000	1490.6							
	085	00005	10.14	34.740	26.74		1490.7							
	STD	00010	10.14	34.74	26.74	00.013	1490.7							
	085	00011	10.14	34.740	26.74		1490.8							
	STD	00020	10.44	34.84	26.77	00.026	1492.1							
	GES	00022	10.51	34.850	26.77		1492.4							
	STD	00030	10.60	34.85	26.75	00.039	1492.4							
	085	00030	10.61	34.850	26.75		1492.9							
	STD	00050	10.70	34.96	26.81	00.065	1493.7							
	085	00051	10.71	34.960	26.82		1493.7							
	STD	00075	10.94	34.99	26.80	00.097	1495.0							
	GES	00076	10.95	34.950	26.80		1495.0							
	STD	00100	11.39	35.10	26.80	00.126	1497.1							
	085	00102	11.41	35.110	26.80		1497.2							
	085	00119	11.55	35.110	26.82		1497.3							
	085	00123	09.67	34.740	26.82		1490.9							
	STD	00125	09.55	34.71	26.82	00.160	1490.4							
	085	00129	09.23	34.640	26.82		1489.2							
	085	00133	08.97	34.640	26.86		1488.3							
	085	00139	08.35	34.630	26.95		1486.1							
	085	00140	08.35	34.620	26.94		1486.2							
	085	00146	08.73	34.770	27.00		1487.8							
	STD	00150	08.85	34.81	27.02	00.190	1488.4							
	085	00152	08.88	34.850	27.02		1488.5							
	085	00163	08.35	34.730	27.03		1486.6							
	085	00171	07.92	34.640	27.02		1485.0							
	085	00175	07.86	34.640	27.03		1484.8							
	085	00180	07.06	34.490	27.03		1481.6							
	085	00184	06.84	34.480	27.05		1480.8							
	085	00188	06.44	34.430	27.07		1479.2							
	085	00194	06.29	34.390	27.05		1478.6							
	085	00198	05.84	34.380	27.10		1476.9							
	STD	00200	05.88	34.40	27.12	00.241	1477.1							
	085	00201	05.90	34.420	27.13		1477.2							
	085	00207	05.90	34.430	27.14		1477.3							
	085	00213	06.38	34.500	27.13		1479.4							
	085	00226	06.59	34.620	27.20		1460.7							
	085	00230	07.37	34.770	27.21		1464.0							
	STD	00250	07.68	34.85	27.23	00.288	1485.6							
	085	00251	07.70	34.860	27.23		1485.7							
	085	00276	07.87	34.960	27.28		1486.9							
	STD	00300	07.94	34.99	27.29	00.332	1487.6							
	085	00300	07.94	34.990	27.30		1487.6							
	085	00306	07.73	34.960	27.30		1486.9							
	085	00314	05.72	34.630	27.32		1478.6							
	085	00350	05.21	34.630	27.38		1477.1							
	085	00365	04.51	34.630	27.41		1476.2							
	085	00371	05.19	34.740	27.47		1477.0							
	085	00376	05.31	34.760	27.47		1476.2							
	085	00382	05.02	34.740	27.49		1477.0							
	085	00390	04.87	34.730	27.50		1476.5							
	085	00394	05.48	34.840	27.51		1475.2							
	STD	00400	05.60	34.85	27.51	00.406	1479.9							
	085	00413	05.69	34.860	27.50		1480.4							
	085	00451	04.52	34.770	27.57		1476.2							
	085	00454	04.40	34.770	27.58		1475.7							
	085	00481	04.71	34.820	27.59		1477.5							
	STD	00500	04.47	34.84	27.63	00.464	1476.8							
	085	00500	04.46	34.840	27.63		1476.8							
	085	00550	04.12	34.840	27.67		1476.2							
	STD	00600	04.07	34.84	27.67	00.514	1476.8							
	085	00601	04.07	34.840	27.67		1476.9							
	085	00673	04.05	34.860	27.69		1478.0							
	STD	00700	04.05	34.93	27.75	00.560	1478.5							
	085	00700	04.05	34.930	27.75		1478.5							
	085	00702	04.04	34.930	27.75		1478.5							
	085	00706	04.04	34.930	27.75		1478.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOTOP 01910	AIR TEMP 10.5	DIR MGT PER	WIND-DIR 27	INST STD RECORDER	TEN SD 1-07
CONSEC 0037	MONTH 04	SHIP EV	WET BULB 08.5	10 3 3	WIND-SPO 10	TRACE CIR 0	5 SQUARE 1
LAT 42 30 N	DAY 07	DATA USE 1	BAROMETER 1000.4	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 150 23 W	MOOR 23.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 192	1 SQUARE 20

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHM	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
23.0	STO	00030	34.21	33.11	26.25	00.030	1465.2							
	OBS	00005	04.21	33.110	26.29		1465.3							
	STO	00010	04.07	33.27	26.43	00.017	1465.0							
	OBS	00011	04.02	33.310	26.46		1464.9							
	OBS	00015	04.23	33.420	26.49		1467.7							
	STO	00020	04.53	33.39	26.48	00.033	1467.1							
	OBS	00020	04.48	33.380	26.47		1467.0							
	OBS	00028	07.99	34.070	26.57		1482.1							
	STO	00030	08.16	34.12	26.58	00.048	1482.9							
	OBS	00036	08.78	34.310	26.63		1485.6							
	OBS	00047	09.41	34.620	26.77		1488.5							
	OBS	00046	09.46	34.650	26.75		1488.8							
	STO	00050	09.52	34.66	26.79	00.075	1489.0							
	OBS	00057	10.00	34.770	26.79		1491.0							
	OBS	00060	09.98	34.760	26.79		1491.0							
	STO	00075	10.39	34.87	26.81	00.107	1492.9							
	OBS	00081	10.47	34.910	26.82		1493.3							
	OBS	00087	10.46	34.930	26.83		1493.5							
	STO	00100	10.76	34.99	26.83	00.135	1494.7							
	OBS	00103	10.78	34.990	26.83		1494.8							
	STO	00125	08.68	34.55	26.83	00.170	1487.3							
	OBS	00131	07.50	34.420	26.85		1484.1							
	OBS	00139	06.50	34.260	26.87		1480.0							
	OBS	00144	04.87	33.930	26.86		1471.4							
	OBS	00148	05.09	34.220	27.07		1472.8							
	STO	00150	05.22	34.25	27.08	00.198	1473.4							
	OBS	00156	05.71	34.370	27.11		1475.6							
	OBS	00159	06.00	34.420	27.12		1476.9							
	OBS	00173	08.12	34.780	27.10		1485.9							
	OBS	00175	08.04	34.790	27.12		1485.7							
	OBS	00186	07.56	34.840	27.17		1485.6							
	OBS	00190	07.70	34.770	27.16		1484.6							
	STO	00200	07.84	34.84	27.19	00.246	1485.4							
	OBS	00201	07.87	34.840	27.19		1485.5							
	OBS	00203	07.85	34.840	27.19		1485.5							
	OBS	00217	07.35	34.760	27.20		1483.6							
	OBS	00230	07.17	34.840	27.29		1483.3							
	OBS	00236	07.56	34.970	27.28		1486.6							
	OBS	00237	08.02	34.980	27.28		1486.9							
	OBS	00243	07.72	34.910	27.27		1485.7							
	STO	00250	07.75	34.94	27.29	00.291	1486.0							
	OBS	00251	07.76	34.950	27.25		1486.1							
	OBS	00260	07.56	34.980	27.34		1485.5							
	OBS	00276	07.65	34.980	27.33		1486.1							
	STO	00300	07.37	34.97	27.36	00.331	1485.4							
	OBS	00302	07.35	34.970	27.37		1485.3							
	OBS	00317	07.26	34.970	27.36		1485.2							
	OBS	00325	06.61	34.650	27.37		1482.7							
	OBS	00371	04.91	34.630	27.41		1476.3							
	OBS	00397	04.54	34.680	27.50		1475.2							
	STO	00400	04.67	34.70	27.50	00.401	1475.8							
	OBS	00407	04.56	34.760	27.51		1477.2							
	OBS	00418	04.56	34.780	27.53		1477.4							
	OBS	00424	04.81	34.770	27.54		1476.9							
	OBS	00434	05.07	34.840	27.56		1478.2							
	OBS	00464	05.24	34.830	27.53		1479.4							
	STO	00500	05.13	34.84	27.56	00.465	1475.6							
	OBS	00500	05.13	34.850	27.56		1475.6							
	OBS	00508	05.66	34.970	27.59		1482.0							
	OBS	00552	05.29	34.960	27.63		1481.2							
	OBS	00559	05.23	34.990	27.66		1481.2							
	OBS	00573	04.55	34.540	27.65		1480.2							
	STO	00600	05.04	34.97	27.67	00.519	1481.0							
	OBS	00601	05.04	34.970	27.67		1481.1							
	OBS	00651	04.91	34.990	27.70		1481.4							
	STO	00700	04.63	34.97	27.72	00.567	1481.0							
	OBS	00702	04.62	34.970	27.72		1481.0							
	OBS	00750	04.69	34.980	27.72		1482.1							
	STO	00800	04.45	34.59	27.75	00.615	1481.0							
	OBS	00801	04.45	34.590	27.75		1482.0							
	OBS	00852	04.41	34.580	27.75		1482.6							
	STO	00900	04.31	34.58	27.76	00.657	1483.0							
	OBS	00906	04.30	34.580	27.76		1483.1							
	OBS	00951	04.28	34.590	27.77		1483.8							
	STO	01000	04.21	34.98	27.77	00.701	1484.3							
	OBS	01001	04.21	34.980	27.77		1484.3							
	OBS	01010	04.21	34.980	27.77		1484.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O D C S T A T I O N O A T A

REF ID 31 0355	YEAR 1973	60 TOP 03017	AIR TEMP 04.5	DIR HGT PER	WIND-DIR	INST STO RECORDER	TEN SJ 1507
CONSEC 0008	MONTH 04	SHIP EV	WET BULB 03.2	23 3 4	WIND-SPO	TRACE DIR 0	5 SQUARE 1
LAT 42 13 N	DAY 08	DATA USE 1	BAROMETER 1000.5	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 24 W	HOOR 02.9	AREA 05	CLOUD T/A	CL/TR	#EATHER XJ	ORIG 011 193	1 SQUARE 20

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
02.9	STO	00000	12.18	35.32	26.82	00.000	1498.5							
	085	00005	12.18	35.320	26.82		1498.6							
	STO	00010	12.16	35.30	26.81	00.012	1498.6							
	085	00011	12.15	35.280	26.80		1498.5							
	085	00017	11.56	35.120	26.78		1496.4							
	STO	00020	11.47	35.12	26.80	00.025	1496.1							
	085	00020	11.45	35.120	26.80		1496.1							
	085	00028	11.45	35.170	26.84		1496.2							
	STO	00030	11.63	35.22	26.85	00.037	1497.0							
	085	00030	11.68	35.240	26.85		1497.2							
	085	00036	11.78	35.250	26.84		1497.6							
	085	00041	11.33	35.130	26.83		1496.0							
	STO	00050	11.13	35.13	26.87	00.062	1495.4							
	085	00051	11.09	35.130	26.88		1495.3							
	085	00057	11.66	35.300	26.91		1497.6							
	085	00060	11.63	35.320	26.93		1497.6							
	085	00068	12.14	35.440	26.92		1499.6							
	085	00074	12.30	35.460	26.91		1500.3							
	STO	00075	12.29	35.46	26.91	00.091	1500.3							
	085	00079	12.06	35.430	26.93		1499.5							
	085	00093	10.15	34.990	26.94		1492.4							
	085	00099	08.99	34.810	26.99		1488.0							
	STO	00100	08.66	34.74	26.99	00.120	1488.7							
	085	00112	06.72	34.390	27.00		1479.3							
	085	00114	06.77	34.420	27.01		1475.3							
	085	00116	07.15	34.480	27.01		1480.9							
	STO	00125	07.11	34.47	27.00	00.147	1480.8							
	085	00127	07.10	34.460	27.00		1480.8							
	085	00135	06.00	34.280	27.01		1476.3							
	085	00137	05.97	34.290	27.02		1476.3							
	085	00140	06.18	34.300	27.00		1477.2							
	085	00142	06.18	34.330	27.02		1477.3							
	085	00146	05.70	34.280	27.04		1475.3							
	STO	00150	05.59	34.26	27.04	00.174	1474.9							
	085	00150	05.57	34.260	27.04		1474.8							
	085	00163	04.27	34.060	27.03		1469.4							
	085	00165	04.21	34.070	27.05		1469.2							
	085	00184	05.72	34.280	27.04		1476.0							
	085	00190	05.94	34.240	27.03		1475.3							
	085	00194	04.87	34.140	27.03		1472.5							
	STO	00200	04.84	34.16	27.05	00.226	1472.5							
	085	00201	04.83	34.160	27.05		1472.5							
	085	00226	04.53	34.100	27.04		1471.6							
	085	00232	04.57	34.230	27.14		1472.0							
	085	00239	07.29	34.650	27.12		1483.7							
	085	00243	07.92	34.770	27.13		1486.3							
	085	00247	08.20	34.640	27.14		1487.5							
	STO	00250	08.24	34.84	27.13	00.277	1487.7							
	085	00251	06.32	34.340	27.12		1488.1							
	085	00255	06.78	34.960	27.14		1490.0							
	085	00264	08.28	34.860	27.14		1488.2							
	085	00276	08.15	34.830	27.14		1487.8							
	085	00279	08.12	34.840	27.15		1487.6							
	085	00281	07.76	34.760	27.14		1486.5							
	085	00289	07.50	34.790	27.20		1485.5							
	STO	00300	06.42	34.97	27.21	00.325	1485.4							
	085	00300	08.47	34.980	27.21		1489.6							
	085	00325	08.44	35.030	27.25		1489.9							
	085	00350	07.62	34.990	27.34		1487.2							
	085	00361	07.59	34.960	27.32		1487.2							
	085	00369	06.86	34.940	27.41		1484.5							
	085	00395	06.76	34.950	27.43		1484.5							
	STO	00400	06.25	34.87	27.44	00.406	1482.5							
	085	00401	06.09	34.850	27.44		1481.8							
	085	00416	05.50	34.780	27.46		1479.6							
	085	00422	05.82	34.650	27.48		1481.1							
	085	00426	05.68	34.830	27.48		1480.6							
	085	00437	05.66	34.840	27.46		1481.6							
	085	00445	05.28	34.840	27.54		1479.3							
	085	00453	05.33	34.840	27.53		1475.6							
	085	00456	05.48	34.850	27.52		1480.5							
	085	00470	06.00	34.930	27.52		1482.7							
	085	00479	05.65	34.890	27.53		1481.4							
	085	00487	05.01	34.840	27.57		1478.9							
	STO	00500	04.65	34.84	27.59	00.470	1476.4							
	085	00500	04.84	34.840	27.59		1478.4							
	085	00550	04.64	34.640	27.61		1478.4							
	085	00569	04.75	34.900	27.64		1479.4							
	085	00574	05.18	34.970	27.65		1481.2							
	STO	00600	05.01	34.97	27.67	00.524	1480.9							
	085	00601	05.00	34.970	27.67		1480.9							
	085	00651	04.73	34.960	27.70		1480.6							
	STO	00700	04.91	34.98	27.65	00.574	1482.2							
	085	00700	04.91	34.980	27.65		1482.2							
	085	00751	04.66	34.950	27.70		1482.0							
	STO	00800	04.55	34.99	27.74	00.621	1482.4							
	085	00803	04.55	34.990	27.74		1482.4							
	085	00854	04.53	34.990	27.74		1483.2							
	STO	00900	04.37	34.97	27.74	00.666	1483.2							
	085	00932	04.36	34.970	27.75		1483.2							
	085	00960	04.27	34.970	27.76		1484.2							
	STO	01000	04.25	34.98	27.76	00.711	1484.4							
	085	01001	04.25	34.980	27.77		1484.4							
	085	01016	04.26	34.980	27.76		1484.7							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BQTOP 03058	AIR TEMP 07.0	OIR MGT PER	WIND-OIR 36	INST STO RECORDER	TEM SO 1307
CONSEC 0009	MONTH 04	SHIP EV	WET BULB 06.0	23 4 4	WIND-SPO 15	TRACE DIR 0	5 SQUARE 1
LAT 41 55 N	DAY 08	DATA USE 1	BAROMETER 1034.1	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 053 14 W	HOUR 08.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	DRIG 011 154	1 SQUARE 10

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXVG	PJ4	TOT P	NO2	NO3	SIO3	PM
08.2	005	00011	12.07	35.200	26.75									
	STO	00020	12.01	35.18	26.75									1498.2
	085	00020	12.01	35.180	26.75									1498.1
	STO	00030	12.00	35.18	26.75									1498.1
	STO	00050	11.99	35.19	26.76									1498.2
	085	00055	11.99	35.190	26.76									1498.5
	STO	00075	12.01	35.18	26.75									1498.6
	085	00085	12.02	35.180	26.74									1499.0
	STO	00100	11.75	35.19	26.80									1499.2
	085	00100	11.73	35.190	26.81									1498.5
	085	00100	11.79	35.200	26.80									1498.4
	085	00114	11.41	35.120	26.81									1498.7
	085	00118	11.36	35.130	26.83									1497.4
	085	00121	11.76	35.230	26.83									1497.4
	STO	00125	11.78	35.23	26.83									1496.9
	085	00127	11.83	35.230	26.82									1495.1
	085	00133	12.04	35.350	26.87									1495.3
	085	00140	12.65	35.530	26.85									1500.2
	STO	00150	12.53	35.52	26.91									1502.7
	085	00150	12.53	35.520	26.91									1502.4
	085	00178	12.27	35.500	26.94									1502.3
	STO	00200	11.75	35.45	27.00									1500.5
	085	00201	11.70	35.440	27.01									1500.3
	085	00217	11.18	35.320	27.01									1498.0
	085	00226	10.73	35.250	27.04									1497.0
	085	00237	10.23	35.190	27.08									1495.4
	085	00245	06.46	34.840	27.10									1488.6
	STO	00250	06.45	34.84	27.10									1488.5
	085	00251	08.42	34.840	27.10									1488.4
	085	00276	07.83	34.770	27.14									1486.5
	085	00281	07.65	34.810	27.20									1486.0
	085	00251	07.92	34.850	27.19									1487.2
	STO	00300	08.42	34.96	27.20									1485.4
	085	00300	08.46	34.970	27.20									1485.6
	085	00302	06.40	34.960	27.20									1489.4
	085	00306	08.15	34.950	27.23									1488.5
	085	00350	08.12	34.980	27.26									1489.1
	085	00395	07.44	34.970	27.35									1487.3
	STO	00400	07.42	34.97	27.35									1487.2
	085	00411	06.84	34.840	27.34									1485.0
	085	00451	06.18	34.870	27.45									1483.0
	085	00456	06.13	34.850	27.44									1482.9
	085	00468	05.92	34.830	27.45									1482.2
	085	00485	05.82	34.830	27.46									1482.1
	085	00496	05.30	34.790	27.49									1480.1
	STO	00500	05.16	34.75	27.51									1479.6
	085	00500	05.14	34.790	27.51									1479.5
	085	00514	05.05	34.773	27.51									1479.4
	085	00525	05.21	34.840	27.55									1480.3
	085	00534	04.99	34.830	27.56									1479.6
	085	00540	04.75	34.770	27.54									1478.6
	085	00550	04.72	34.820	27.59									1478.7
	085	00599	04.99	34.840	27.57									1480.6
	STO	00600	04.55	34.84	27.57									1480.5
	085	00601	04.84	34.850	27.58									1480.0
	085	00603	04.76	34.810	27.57									1479.7
	085	00624	04.89	34.850	27.55									1480.7
	085	00652	04.66	34.860	27.62									1480.2
	STO	00700	04.84	34.98	27.70									1481.9
	085	00700	04.84	34.980	27.70									1481.5
	085	00750	04.51	34.940	27.70									1481.3
	STO	00800	04.70	34.98	27.71									1483.0
	085	00801	04.71	34.980	27.71									1483.0
	085	00850	04.04	34.983	27.75									1481.0
	STO	00900	04.03	34.98	27.79									1481.8
	085	00900	04.03	34.980	27.79									1481.8
	085	00950	04.03	34.990	27.80									1482.7
	STO	01000	04.03	34.98	27.75									1483.5
	085	01000	04.03	34.980	27.79									1483.5

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N D O C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOTOP 03749	AIR TEMP 08.0	DIR MGT PER	WIND-DIR 27	INST STO RECORDER	TEN SQ 1307
CONSEC 0010	MONTH 04	SHIP EV	WET GULB 06.0	29 6 2	WIND-SPO 10	TRACE DIR 0	5 SQUARE 1
LAT 41 28 N	DAY 08	DATA USE 1	BAROMETR 1006.9	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 13 W	HOUR 12.2	AREA 05	CLCUD T/A	CL/TR	WEATHER A2	ORIG 011 195	1 SQUARE 10

CASNUM/IME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PM
12.2	STO	00000	13.73	35.46	26.62	00.000	1503.9							
	085	00003	13.73	35.460	26.62		1503.5							
	STO	00010	13.75	35.45	26.61	00.014	1504.1							
	085	00013	13.75	35.450	26.61		1504.1							
	STO	00020	13.75	35.46	26.61	00.025	1504.3							
	085	00020	13.75	35.460	26.61		1504.3							
	STO	00030	13.74	35.46	26.61	00.043	1504.4							
	085	00030	13.74	35.460	26.61		1504.4							
	STO	00050	13.76	35.45	26.60	00.072	1504.8							
	085	00051	13.76	35.450	26.60		1504.8							
	STO	00075	13.50	35.44	26.65	00.108	1504.3							
	085	00076	13.47	35.440	26.66		1504.2							
	085	00078	13.42	35.460	26.68		1504.1							
	085	00083	13.09	35.360	26.67		1503.0							
	STO	00100	13.01	35.39	26.71	00.143	1503.0							
	085	00100	13.01	35.350	26.71		1503.0							
	STO	00125	13.02	35.40	26.72	00.177	1503.5							
	085	00127	13.03	35.400	26.71		1503.6							
	085	00139	13.13	35.350	26.69		1504.0							
	STO	00150	13.26	35.44	26.70	00.212	1504.7							
	085	00150	13.26	35.440	26.70		1504.8							
	085	00175	13.35	35.440	26.68		1505.5							
	STO	00200	13.41	35.46	26.68	00.242	1506.1							
	085	00201	13.41	35.460	26.68		1506.1							
	085	00226	13.02	35.480	26.78		1505.2							
	STO	00250	12.49	35.39	26.82	00.351	1503.7							
	085	00251	12.46	35.350	26.82		1503.7							
	085	00276	11.87	35.360	26.51		1502.0							
	085	00291	11.60	35.330	26.94		1501.3							
	085	00255	11.35	35.300	26.96		1500.4							
	085	00298	10.83	35.210	26.59		1498.5							
	STO	00300	10.77	35.19	26.59	00.412	1498.3							
	085	00300	10.73	35.180	26.58		1498.2							
	085	00323	10.43	35.190	27.04		1497.5							
	085	00350	09.65	35.050	27.07		1494.9							
	085	00357	09.50	35.040	27.08		1494.7							
	085	00365	09.23	35.000	27.10		1493.6							
	085	00371	08.50	34.650	27.10		1490.7							
	085	00378	08.20	34.630	27.13		1489.7							
	085	00384	07.80	34.780	27.15		1488.2							
	STO	00400	07.59	34.77	27.18	00.518	1487.6							
	085	00401	07.57	34.770	27.18		1487.6							
	085	00420	07.46	34.750	27.18		1487.4							
	085	00449	08.15	34.570	27.25		1450.8							
	085	00451	08.20	34.980	27.25		1451.1							
	STO	00500	07.88	34.97	27.29	00.611	1490.6							
	085	00500	07.87	34.570	27.25		1490.6							
	085	00546	06.96	34.950	27.41		1487.8							
	085	00550	06.72	34.500	27.40		1486.9							
	085	00580	06.49	34.510	27.44		1486.5							
	STO	00600	06.13	34.88	27.46	00.650	1485.3							
	085	00601	06.10	34.880	27.47		1485.2							
	085	00651	05.44	34.830	27.51		1483.3							
	STO	00700	05.14	34.85	27.56	00.757	1482.5							
	085	00700	05.14	34.850	27.56		1482.5							
	085	00750	04.68	34.850	27.61		1481.9							
	STO	00800	04.52	34.83	27.62	00.816	1482.0							
	085	00801	04.52	34.830	27.62		1482.0							
	085	00852	04.49	34.850	27.64		1482.8							
	STO	00900	04.44	34.85	27.64	00.873	1483.4							
	085	00900	04.44	34.850	27.64		1483.4							
	085	00951	04.42	34.850	27.64		1484.1							
	STO	01000	04.38	34.87	27.66	00.927	1484.8							
	085	01001	04.38	34.870	27.66		1484.8							
	085	01008	04.38	34.860	27.66		1484.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOIDOP 04206	AIR TEMP 15.4	OIR MGT PER	WIND-OIR 27	INST STO RECORDER	TEN SQ 1507
CONSEC 3311	MONTH 04	SHIP EV	WET BULB 12.7	27 6 4	WIND-SPD 25	TRACE OIR 0	5 SQUARE 1
LAT 43 57 N	DAY 08	DATA USE 1	BAROMETR 1010.6	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 26 W	HOUR 17.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	DRIG 011 196	1 SQUARE 00

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DRYG	PD4	TOT P	NO2	NO3	S103	PH
17.0	STD	000003	17.19	36.26	26.45	00.000	1515.6							
	OBS	000031	17.19	36.260	26.45		1515.7							
	STD	000100	17.21	36.26	26.45	00.016	1515.9							
	OBS	000111	17.21	36.260	26.45		1515.9							
	STD	000220	17.22	36.26	26.45	00.032	1516.0							
	OBS	000220	17.22	36.260	26.45		1516.1							
	STD	000350	17.22	36.25	26.44	00.048	1516.2							
	OBS	000350	17.22	36.250	26.44		1516.2							
	STD	000500	17.20	36.26	26.45	00.080	1516.5							
	OBS	000551	17.23	36.260	26.45		1516.5							
	STD	000755	17.23	36.24	26.43	00.121	1517.0							
	OBS	00076	17.23	36.240	26.43		1517.3							
	OBS	00095	17.02	36.210	26.45		1516.6							
	STD	00100	16.89	36.21	26.49	00.161	1516.3							
	OBS	00100	16.66	36.210	26.49		1516.2							
	OBS	00102	16.80	36.180	26.48		1516.1							
	OBS	00108	16.51	36.140	26.52		1515.2							
	STD	00125	16.25	36.14	26.57	00.200	1514.8							
	OBS	00125	16.28	36.140	26.58		1514.8							
	STD	00150	16.09	36.12	26.60	00.237	1514.6							
	OBS	00150	16.09	36.120	26.61		1514.6							
	OBS	00175	15.71	36.030	26.60		1513.7							
	STD	00200	15.57	36.02	26.65	00.311	1513.7							
	OBS	00201	15.56	36.020	26.65		1513.7							
	OBS	00241	15.52	36.000	26.69		1513.6							
	OBS	00245	15.25	35.970	26.67		1513.5							
	STD	00250	14.88	35.87	26.68	00.384	1512.2							
	OBS	00251	14.77	35.840	26.65		1511.8							
	OBS	00264	14.05	35.640	26.68		1509.6							
	OBS	00277	13.69	35.540	26.69		1508.4							
	OBS	00279	13.68	35.520	26.67		1508.4							
	OBS	00283	13.43	35.510	26.72		1507.6							
	STD	00300	13.64	35.34	26.70	00.456	1506.6							
	OBS	00304	13.70	35.550	26.65		1508.9							
	OBS	00314	13.59	35.530	26.70		1508.6							
	OBS	00316	13.57	35.540	26.71		1508.6							
	OBS	00317	13.56	35.540	26.71		1508.6							
	OBS	00342	13.43	35.590	26.74		1509.3							
	OBS	00346	13.32	35.530	26.76		1506.3							
	OBS	00350	13.28	35.540	26.77		1506.2							
	OBS	00352	13.29	35.600	26.82		1508.4							
	OBS	00388	13.56	35.770	26.85		1510.1							
	OBS	00395	13.30	35.680	26.88		1505.2							
	STD	00400	13.15	35.68	26.89	00.591	1508.9							
	OBS	00401	13.15	35.670	26.90		1506.8							
	OBS	00416	12.68	35.520	26.88		1507.3							
	OBS	00451	11.97	35.520	27.02		1505.4							
	OBS	00481	11.29	35.420	27.07		1503.4							
	OBS	00491	11.00	35.330	27.05		1502.5							
	STD	00500	10.84	35.32	27.07	00.711	1502.6							
	OBS	00500	10.83	35.320	27.07		1502.6							
	OBS	00525	10.24	35.300	27.16		1502.3							
	OBS	00538	09.86	35.180	27.14		1499.0							
	OBS	00540	09.81	35.180	27.14		1498.8							
	OBS	00544	09.63	35.190	27.18		1498.2							
	OBS	00546	09.59	35.190	27.19		1498.1							
	OBS	00550	09.52	35.170	27.19		1497.9							
	OBS	00561	09.32	35.140	27.15		1497.3							
	OBS	00573	08.94	35.080	27.21		1496.0							
	OBS	00582	08.52	35.350	27.28		1494.6							
	OBS	00586	08.68	35.110	27.28		1495.3							
	STD	00600	08.77	35.12	27.27	00.813	1495.8							
	OBS	00601	08.77	35.120	27.27		1495.5							
	OBS	00611	08.77	35.120	27.27		1496.0							
	OBS	00612	08.74	35.120	27.27		1496.0							
	OBS	00614	08.75	35.110	27.26		1496.0							
	OBS	00633	08.27	35.120	27.35		1494.5							
	OBS	00651	08.21	35.120	27.36		1494.6							
	STD	00700	07.54	35.05	27.41	00.900	1492.7							
	OBS	00732	07.49	35.050	27.41		1492.6							
	OBS	00711	07.30	35.030	27.42		1492.0							
	OBS	00719	07.03	34.990	27.43		1491.3							
	OBS	00721	07.00	34.970	27.42		1490.9							
	OBS	00750	06.73	34.950	27.47		1490.3							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N D D C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTOP 04100	AIR TEMP 06.0	OIR HGT PER	WIND-OIR 13	INST STO RECORDER	TE4 SQ 1306
CONSEC 0312	MDYTH 04	SHIP EV	WET BULB 06.9	19 4 3	WIND-SPO 08	TRACE DIR 0	5 SQUARE 2
LAT 41 39 N	DAY 05	DATA USE 1	BAROMETR 1012.8	SEA	WIND-FOR	DURATION	2 SQUARE 06
LONG 047 34 W	MOUR 05.9	AREA 05	CLOUD T/A	CL/TA	WEATHER X2	ORIG 011 197	1 SQUARE 17

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	P04	TOT P	N02	N03	S103	PH
05.9	STD	00000	10.90	36.15	26.44	00.000	1514.6							
	OBS	00000	10.90	36.150	26.44		1514.6							
	STD	00010	10.89	36.15	26.44	00.016	1514.8							
	OBS	00010	10.89	36.150	26.44		1514.8							
	STD	00020	10.88	36.13	26.43	00.032	1514.9							
	OBS	00020	10.88	36.12	26.42	00.048	1515.0							
	STD	00030	10.87	36.120	26.42		1515.0							
	OBS	00030	10.87	36.030	26.47		1513.4							
	STD	00050	10.50	36.08	26.53	00.080	1513.6							
	OBS	00050	10.50	36.080	26.53		1513.6							
	STD	00070	10.08	36.000	26.58		1513.2							
	OBS	00070	10.31	36.18	26.60	00.117	1514.1							
	STD	00075	10.31	36.180	26.60		1514.1							
	OBS	00075	15.79	36.30	26.58	00.155	1512.7							
	STD	00100	15.79	36.000	26.58		1512.7							
	OBS	00125	15.37	35.88	26.58	00.192	1511.7							
	STD	00125	15.37	35.860	26.56		1511.7							
	OBS	00133	14.85	35.740	26.55		1510.0							
	STD	00150	14.72	35.65	26.58	00.230	1505.8							
	OBS	00150	14.72	35.650	26.58		1505.8							
	STD	00160	14.45	35.700	26.65		1505.1							
	OBS	00170	14.78	35.830	26.68		1510.5							
	STD	00181	14.27	35.690	26.68		1508.9							
	OBS	00200	14.28	35.71	26.69	00.303	1509.2							
	STD	00200	14.28	35.710	26.69		1505.2							
	OBS	00212	14.49	35.820	26.73		1510.2							
	STD	00250	13.77	35.65	26.75	00.372	1508.3							
	OBS	00275	13.46	35.630	26.80		1507.7							
	STD	00300	13.28	35.69	26.85	00.438	1507.6							
	OBS	00300	13.28	35.690	26.89		1507.6							
	STD	00312	13.28	35.670	26.87		1507.8							
	OBS	00325	13.07	35.710	26.95		1507.3							
	STD	00340	13.07	35.700	26.94		1507.6							
	OBS	00365	12.71	35.660	26.98		1506.7							
	STD	00350	11.85	35.530	27.05	00.557	1504.0							
	OBS	00400	11.84	35.53	27.05		1504.1							
	STD	00400	11.84	35.530	27.05		1504.1							
	OBS	00465	10.92	35.350	27.07		1501.7							
	STD	00500	09.82	35.18	27.14	00.665	1498.2							
	OBS	00500	09.82	35.180	27.14		1498.2							
	STD	00535	09.00	35.180	27.28		1495.7							
	OBS	00550	09.04	35.160	27.27		1496.1							
	STD	00600	08.36	35.17	27.37	00.755	1494.4							
	OBS	00600	08.36	35.170	27.37		1494.4							
	STD	00677	06.83	35.060	27.51		1485.6							
	OBS	00696	06.85	35.050	27.50		1485.9							
	STD	00700	06.68	35.05	27.52	00.834	1489.4							
	OBS	00700	06.68	35.050	27.52		1489.4							
	STD	00740	06.57	35.090	27.57		1485.7							
	OBS	00800	06.16	35.05	27.62	00.898	1485.0							
	STD	00800	06.16	35.050	27.62		1485.0							
	OBS	00875	05.70	35.100	27.65		1488.4							
	STD	00900	05.47	35.05	27.65	00.954	1488.7							
	OBS	00900	05.67	35.050	27.69		1488.7							
	STD	01000	05.15	35.05	27.72	01.007	1488.2							
	OBS	01000	05.15	35.050	27.72		1488.2							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

MOOC STATION DATA

REFID 31 8355	YEAR 1973	80TOP 03650	AIR TEMP 11.7	GIR MGT PER	WIND-DIR 15	INST STO RECORDER	TEN SQ 1306
COMSEC 0013	MOYTH 04	SHIP EV	WET 8UL6 09.4	29 3 2	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 42 13.1N	DAY 09	DATA USE 1	BAROMETR 1010.3	SEA	WIND-FDR	DURATION	2 SQUARE 28
LONG 048 07 W	HJUR 09.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	ORIG 011 198	1 SQUARE 28

CASSTNM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DOYG	PO4	TOT P	NO2	NO3	SIO3	PM
35.7	STD	00303	05.28	33.73	26.66	00.000	1470.5							
	085	00003	05.28	33.730	26.66		1470.6							
	085	00337	05.27	33.720	26.65		1470.5							
	STD	00010	05.30	33.73	26.65	00.014	1470.7							
	085	00011	05.31	33.730	26.66		1470.8							
	STD	00020	07.86	34.38	26.85	00.027	1481.9							
	085	00020	08.02	34.420	26.84		1482.6							
	STD	00030	08.43	34.48	26.82	00.039	1484.4							
	085	00030	08.46	34.450	26.82		1484.5							
	085	00040	09.20	34.640	26.82		1487.6							
	085	00041	09.20	34.650	26.83		1437.7							
	085	00047	08.82	34.580	26.84		1486.3							
	085	00049	08.86	34.620	26.86		1486.5							
	STD	00050	08.82	34.61	26.86	00.064	1486.4							
	085	00057	08.65	34.580	26.86		1485.8							
	085	00062	09.04	34.680	26.87		1487.4							
	085	00064	09.13	34.650	26.87		1487.8							
	085	00070	11.04	35.140	26.90		1455.4							
	085	00072	11.12	35.150	26.89		1455.8							
	STD	00075	10.24	34.55	26.85	00.094	1452.4							
	085	00085	08.12	34.500	26.88		1484.1							
	085	00093	07.95	34.450	26.90		1483.6							
	085	00097	07.46	34.420	26.92		1481.7							
	STD	00100	07.38	34.45	26.95	00.123	1481.4							
	085	00100	07.35	34.460	26.97		1481.4							
	085	00102	07.43	34.480	26.97		1481.7							
	085	00108	06.78	34.390	26.99		1479.2							
	085	00119	07.29	34.480	26.99		1481.5							
	STD	00125	07.38	34.49	26.98	00.151	1481.5							
	085	00127	07.43	34.490	26.98		1482.2							
	085	00133	05.65	34.200	26.98		1475.0							
	085	00144	05.53	34.220	27.02		1474.5							
	STD	00150	06.66	34.45	27.06	00.177	1475.5							
	085	00152	06.86	34.450	27.06		1480.3							
	085	00154	06.89	34.450	27.05		1480.5							
	085	00171	07.03	34.650	27.07		1484.9							
	085	00178	07.95	34.700	27.07		1485.3							
	085	00182	07.26	34.550	27.08		1482.5							
	085	00195	05.45	34.280	27.07		1475.2							
	STD	00200	05.43	34.28	27.07	00.229	1475.1							
	085	00201	05.15	34.240	27.07		1474.1							
	085	00203	05.07	34.260	27.10		1473.7							
	085	00217	05.33	34.290	27.10		1475.0							
	085	00226	05.23	34.300	27.12		1474.8							
	085	00234	04.92	34.280	27.14		1473.6							
	085	00247	04.55	34.290	27.14		1473.5							
	STD	00250	05.08	34.32	27.15	00.278	1474.5							
	085	00253	05.17	34.340	27.15		1475.0							
	085	00260	05.36	34.340	27.17		1474.7							
	085	00275	05.40	34.350	27.16		1476.7							
	085	00281	05.48	34.410	27.17		1476.8							
	085	00295	01.07	33.530	27.20		1457.5							
	STD	00300	01.43	33.55	27.20	00.324	1459.2							
	085	00300	01.50	33.560	27.20		1459.6							
	085	00312	02.94	34.140	27.23		1466.3							
	085	00314	02.96	34.150	27.23		1466.4							
	085	00315	03.75	34.300	27.28		1470.1							
	085	00323	04.24	34.370	27.28		1472.3							
	085	00331	04.27	34.360	27.27		1472.6							
	085	00350	03.47	34.300	27.30		1469.4							
	085	00359	02.72	34.220	27.31		1466.3							
	085	00371	02.72	34.250	27.33		1466.5							
	085	00380	03.11	34.250	27.33		1468.4							
	085	00384	03.46	34.390	27.38		1470.1							
	085	00390	03.62	34.430	27.37		1471.8							
	STD	00400	03.70	34.41	27.37	00.406	1471.4							
	085	00401	03.68	34.410	27.37		1471.3							
	085	00413	05.81	34.730	27.38		1490.7							
	085	00453	05.56	34.760	27.44		1480.4							
	085	00454	05.46	34.760	27.45		1480.1							
	STD	00500	04.17	34.03	27.50	00.476	1475.3							
	085	00500	04.17	34.630	27.50		1475.3							
	085	00525	04.41	34.710	27.53		1476.8							
	STD	00600	04.48	34.84	27.63	00.535	1478.5							
	STD	00700	04.44	34.94	27.70	00.586	1480.9							
	085	00750	04.65	34.970	27.71		1462.1							
	STD	00800	04.75	34.56	27.70	00.635	1483.3							
	085	00812	04.81	34.580	27.70		1483.6							
	085	00829	04.73	34.960	27.71		1483.6							
	085	00852	04.42	34.550	27.72		1482.6							
	STD	00900	04.63	34.57	27.72	00.684	1484.3							
	085	00900	04.63	34.970	27.72		1484.3							
	085	00951	04.55	34.970	27.72		1484.9							
	STD	01000	04.46	34.98	27.74	00.732	1485.3							
	085	01001	04.46	34.980	27.74		1485.3							
	085	01007	04.47	34.570	27.73		1485.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOODC STATION DATA

REF ID 31 8355	YEAR 1973	BDTOP 03252	AIR TEMP 12.2	OIR MGT PER	WIND-DIR 16	INST STG RECORDER	TEN SQ 1506
CONSEC 0014	MDYTH 04	SHIP EV	WET BULB 10.5	36 2 2	WIND-SPO 23	TRACE DIR	5 SQUARE 2
LAT 42 30 N	DAY 09	DATA USE 1	BAROMETR 1000.1	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 046 13 W	MDJR 13.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER X2	ORIG 011 199	1 SQUARE 28

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	PO4	TDI P	NO2	NO3	SIG3	PH
13.7	STD	00030	02.44	33.12	26.46	00.000	1457.6							
	OBS	00030	02.44	33.120	26.46		1457.6							
	STD	00010	02.44	33.12	26.46	00.016	1457.8							
	OBS	00010	02.44	33.120	26.46		1457.8							
	STD	00020	02.12	33.37	26.68	00.031	1456.9							
	OBS	00020	02.12	33.370	26.68		1456.9							
	OBS	00025	00.72	33.250	26.68		1450.6							
	STD	00030	01.22	33.25	26.73	00.044	1453.0							
	OBS	00032	01.22	33.350	26.76		1453.1							
	OBS	00038	00.57	33.530	26.85		1450.4							
	OBS	00040	01.16	33.560	26.90		1453.2							
	STD	00050	- 3.08	33.51	26.93	00.069	1447.7							
	OBS	00050	- 0.08	33.510	26.93		1447.7							
	STD	00075	00.67	33.79	27.12	00.095	1451.6							
	OBS	00075	00.67	33.790	27.12		1451.6							
	STD	00100	04.17	34.15	27.15	00.118	1468.1							
	OBS	00100	04.17	34.190	27.15		1468.1							
	OBS	00105	04.72	34.370	27.23		1470.7							
	STD	00125	04.02	34.31	27.26	00.141	1468.1							
	OBS	00125	04.02	34.310	27.26		1468.1							
	OBS	00140	04.51	34.480	27.30		1472.3							
	STD	00150	04.72	34.43	27.28	00.161	1471.6							
	OBS	00150	04.72	34.430	27.28		1471.6							
	OBS	00160	04.42	34.430	27.31		1470.5							
	OBS	00175	04.67	34.520	27.35		1471.9							
	OBS	00180	05.05	34.560	27.34		1473.6							
	OBS	00195	05.05	34.590	27.37		1473.9							
	STD	00200	05.37	34.65	27.41	00.200	1475.4							
	OBS	00200	05.37	34.690	27.41		1475.4							
	OBS	00225	02.42	34.300	27.40		1462.8							
	OBS	00240	01.56	34.250	27.43		1459.2							
	STD	00250	01.77	34.27	27.43	00.234	1460.4							
	OBS	00250	01.77	34.270	27.43		1460.4							
	OBS	00275	04.36	34.640	27.48		1472.4							
	OBS	00290	04.40	34.650	27.49		1472.8							
	STD	00300	05.52	34.79	27.47	00.267	1477.6							
	OBS	00300	05.52	34.790	27.47		1477.6							
	OBS	00305	05.79	34.930	27.55		1475.2							
	OBS	00330	04.88	34.780	27.54		1475.7							
	OBS	00340	05.40	34.920	27.59		1478.1							
	OBS	00350	05.12	34.910	27.61		1477.1							
	OBS	00355	05.20	34.950	27.63		1477.6							
	OBS	00380	04.57	34.840	27.62		1475.5							
	STD	00400	04.78	34.89	27.63	00.326	1476.5							
	OBS	00400	04.78	34.890	27.63		1476.5							
	OBS	00450	05.20	34.990	27.66		1479.2							
	STD	00500	05.05	35.00	27.69	00.375	1479.5							
	STD	00600	04.79	35.01	27.73	00.422	1480.0							
	OBS	00650	04.67	35.010	27.74		1480.4							
	STD	00700	04.56	35.01	27.75	00.465	1480.8							
	OBS	00700	04.56	35.010	27.75		1480.8							
	OBS	00750	04.08	34.940	27.75		1479.5							
	STD	00800	04.16	34.95	27.75	00.509	1480.7							
	OBS	00800	04.16	34.950	27.75		1480.7							
	STD	00900	04.03	34.95	27.76	00.552	1481.8							
	OBS	00900	04.03	34.950	27.76		1481.8							
	OBS	00950	03.94	34.930	27.76		1482.2							
	STD	01000	04.04	34.95	27.76	00.595	1483.5							
	OBS	01000	04.04	34.950	27.76		1483.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8555	YEAR 1973	BOTOP 03214	AIR TEMP 14.2	OIR MGT PER	WIND-DIR 15	INST STO RECDROER	TEN SQ 1326
CUNSEC 0015	MDYTH 34	SHIP EV	MET GULB 12.2	33 3 4	WIND-SPO 26	TRACE DIR 0	5 SQUARE 2
LAT 42 38 N	OAY 09	DATA USE 1	BARUMETR 0594.0	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 348 56 W	MOJR 16.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG 011 203	1 SQUARE 28

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DATG	P34	TOT P	NO2	NO3	S103	PH
10.3	STO	00000	01.93	33.15	26.51	00.000	1455.3							
	085	00005	01.93	33.130	26.51		1455.4							
	STO	00010	01.89	33.12	26.50	00.015	1455.4							
	085	00014	01.88	33.120	26.50		1455.3							
	STO	00020	01.75	33.11	26.50	00.031	1455.1							
	085	00020	01.77	33.110	26.53		1455.0							
	STO	00030	01.76	33.11	26.50	00.046	1455.1							
	085	00032	01.45	33.110	26.52		1453.7							
	085	00036	00.63	33.070	26.54		1450.1							
	085	00038	00.41	33.110	26.58		1449.2							
	085	00043	00.35	33.230	26.73		1447.8							
	STO	00050	00.08	33.26	26.72	00.075	1448.0							
	085	00051	00.13	33.260	26.72		1448.3							
	085	00053	00.23	33.260	26.71		1448.8							
	085	00057	00.73	33.390	26.79		1451.3							
	085	00060	00.88	33.400	26.75		1452.1							
	085	00066	00.50	33.380	26.80		1450.4							
	STO	00075	00.55	33.42	26.82	00.107	1453.8							
	085	00083	00.60	33.460	26.85		1451.3							
	085	00091	00.65	33.500	26.88		1451.7							
	085	00099	00.55	33.590	26.96		1451.5							
	STO	00100	00.40	33.58	26.96	00.136	1450.8							
	085	00100	00.33	33.580	26.97		1450.5							
	085	00104	00.62	33.600	26.97		1451.9							
	STO	00125	00.36	33.61	27.15	00.162	1451.3							
	085	00125	00.35	33.610	27.15		1451.3							
	085	00131	00.41	33.820	27.15		1451.7							
	085	00135	00.64	33.900	27.21		1452.9							
	085	00137	00.67	33.930	27.23		1453.1							
	085	00139	00.89	33.950	27.23		1454.2							
	STO	00153	00.72	33.96	27.25	00.184	1453.6							
	085	00150	00.71	33.960	27.25		1453.6							
	085	00161	01.07	34.080	27.32		1455.5							
	085	00163	00.89	34.070	27.33		1454.7							
	085	00180	01.53	34.200	27.39		1458.1							
	STO	00200	01.64	34.25	27.45	00.221	1459.0							
	085	00201	01.66	34.250	27.45		1459.1							
	085	00205	01.77	34.290	27.44		1459.7							
	085	00218	02.11	34.380	27.49		1461.5							
	085	00230	02.05	34.410	27.52		1461.5							
	085	00239	02.16	34.440	27.53		1462.1							
	085	00247	02.46	34.460	27.52		1463.6							
	STO	00250	02.45	34.45	27.51	00.252	1463.6							
	085	00251	02.45	34.440	27.51		1463.6							
	085	00270	02.41	34.510	27.57		1463.8							
	STO	00300	03.17	34.62	27.59	00.280	1467.8							
	085	00308	03.25	34.650	27.59		1468.3							
	085	00310	03.26	34.650	27.59		1468.3							
	085	00350	03.65	34.750	27.64		1470.8							
	STO	00400	03.92	34.79	27.65	00.331	1472.8							
	085	00431	03.93	34.750	27.65		1472.9							
	085	00453	04.04	34.830	27.67		1474.3							
	STO	00500	04.15	34.85	27.66	00.380	1475.5							
	085	00500	04.15	34.830	27.66		1475.5							
	085	00550	04.15	34.840	27.66		1476.3							
	STO	00600	04.14	34.84	27.67	00.430	1477.1							
	085	00601	04.14	34.840	27.67		1477.2							
	085	00651	04.11	34.850	27.68		1477.9							
	STO	00700	04.06	34.86	27.69	00.475	1478.5							
	085	00700	04.06	34.860	27.69		1478.5							
	085	00750	04.37	34.930	27.74		1479.4							
	STO	00800	03.99	34.93	27.75	00.524	1479.5							
	085	00801	03.99	34.930	27.75		1480.3							
	STO	00900	03.93	34.93	27.76	00.567	1481.4							
	085	00900	03.93	34.930	27.76		1481.4							
	085	00951	03.90	34.930	27.76		1482.1							
	STO	01000	03.98	34.96	27.78	00.610	1483.3							
	085	01001	03.98	34.960	27.78		1483.3							
	085	01018	03.94	34.950	27.77		1483.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

MOOD STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 02414	AIR TEMP 13.2	DIR MGT PER	WIND-DIR 18	INST STO RECORDER	TEN SQ 1306
CONSEC 0016	MONTH 04	SHIP EV	MET BULB 11.6	18 3 2	WIND-SPD 30	TRACE DIR 0	5 SQUARE 2
LAT 42 50 N	DAY 09	DATA USE 1	BAROMETER 0592.0	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 148 53.5 W	MOJA 17.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X8	ORIG 011 201	1 SQUARE 26

CASHTIM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
17.7	STO	00000	03.82	33.11	26.32	00.000	1463.6							
	085	00007	03.82	33.11	26.32		1463.7							
	STO	00010	03.83	33.12	26.34	03.017	1463.8							
	085	00011	03.83	33.130	26.34		1463.8							
	STO	00023	03.83	33.11	26.32	03.034	1463.9							
	085	00022	03.83	33.110	26.32		1464.0							
	STO	00030	03.81	33.12	26.33	03.051	1464.0							
	085	00033	03.81	33.120	26.33		1464.0							
	STO	00050	03.38	33.12	26.37	00.085	1462.5							
	085	00051	03.35	33.120	26.38		1462.4							
	STO	00075	02.88	33.41	26.65	00.123	1461.1							
	085	00076	02.82	33.460	26.70		1461.0							
	085	00055	02.50	33.830	26.59		1460.4							
	STO	00100	02.64	33.89	27.05	00.153	1461.2							
	085	00103	02.66	33.900	27.06		1461.3							
	085	00106	02.72	33.960	27.10		1461.7							
	085	00112	02.96	34.060	27.16		1463.0							
	STO	00125	03.09	34.16	27.23	00.177	1463.5							
	085	00125	03.10	34.160	27.23		1464.3							
	STO	00150	03.51	34.32	27.31	03.198	1466.3							
	085	00150	03.51	34.320	27.32		1466.3							
	085	00161	03.53	34.420	27.39		1466.7							
	085	00175	03.51	34.380	27.36		1466.6							
	085	00192	03.47	34.440	27.42		1467.0							
	085	00196	02.98	34.380	27.41		1464.5							
	STO	00200	02.65	34.35	27.42	00.234	1463.5							
	085	00205	02.35	34.340	27.43		1462.4							
	085	00205	02.36	34.350	27.44		1462.4							
	085	00215	02.63	34.420	27.48		1463.8							
	085	00226	02.57	34.440	27.50		1463.7							
	085	00226	02.55	34.420	27.48		1463.6							
	085	00237	02.14	34.420	27.52		1462.0							
	STO	00253	02.26	34.42	27.51	00.266	1462.7							
	085	00251	02.28	34.420	27.51		1462.8							
	085	00276	02.79	34.500	27.53		1465.6							
	STO	00300	03.03	34.61	27.59	00.294	1467.1							
	085	00303	03.04	34.610	27.59		1467.2							
	085	00325	03.40	34.650	27.59		1465.3							
	085	00350	03.83	34.760	27.63		1471.6							
	STO	00400	04.10	34.83	27.66	00.345	1473.7							
	085	00401	04.11	34.830	27.66		1473.7							
	085	00451	04.23	34.840	27.66		1475.0							
	STO	00500	04.26	34.84	27.65	00.354	1476.0							
	085	00500	04.26	34.840	27.65		1476.0							
	STO	00553	04.29	34.840	27.65		1476.6							
	085	00600	04.18	34.86	27.68	00.443	1477.3							
	085	00633	04.18	34.860	27.68		1477.4							
	085	00675	04.17	34.940	27.74		1476.7							
	STO	00700	04.15	34.94	27.74	00.485	1475.3							
	085	00700	04.15	34.940	27.74		1475.0							
	085	00778	04.08	34.940	27.75		1480.0							
	STO	00800	04.04	34.94	27.76	00.532	1480.2							
	085	00801	04.04	34.940	27.76		1480.2							
	085	00866	03.56	34.530	27.76		1480.5							
	STO	00900	03.53	34.53	27.76	00.575	1481.4							
	085	00900	03.53	34.530	27.76		1481.4							
	085	00953	03.95	34.540	27.77		1482.3							
	STO	01000	03.53	34.55	27.78	00.618	1483.0							
	085	01001	03.53	34.950	27.78		1483.1							
	085	01026	03.56	34.950	27.77		1483.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 0355	YEAR 1973	BOTOP 02040	AIR TEMP 03.3	OIR MGT PER	WIND-OIR 28	INST STO RECORDER	TEN SQ 1306
CONSEC 0017	MOYTH 04	SHIP EV	WET BULB 02.2	24 5 2	WIND-SPD 40	TRACE OIR 0	5 SQUARE 2
LAT 42 58 N	DAY 05	DATA USE 1	BAROMETER 0599.2	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 59.6W	MOYR 21.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 202	1 SQUARE 28

CASNUM/IME	LVL7YP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	PH
21.5	STO	00000	03.25	33.24	26.48	00.000	1461.3							
	OBS	00001	03.25	33.240	26.48		1461.3							
	STO	00010	03.25	33.24	26.48	00.016	1461.5							
	OBS	00011	03.25	33.240	26.48		1461.5							
	STO	00020	03.27	33.25	26.49	00.031	1461.7							
	OBS	00020	03.27	33.250	26.49		1461.7							
	STO	00030	03.27	33.26	26.50	00.047	1461.9							
	OBS	00030	03.27	33.260	26.50		1461.9							
	OBS	00038	03.15	33.240	26.49		1461.5							
	OBS	00040	02.57	33.300	26.55		1460.8							
	OBS	00041	02.65	33.470	26.72		1459.7							
	OBS	00043	02.68	33.460	26.71		1455.8							
	OBS	00047	01.59	33.460	26.76		1456.9							
	STO	00050	01.88	33.50	26.80	00.075	1456.5							
	OBS	00051	01.83	33.520	26.82		1456.3							
	OBS	00057	01.78	33.580	26.87		1456.3							
	OBS	00070	01.80	33.730	26.95		1456.8							
	OBS	00072	01.43	33.700	26.95		1455.1							
	OBS	00074	01.44	33.740	27.03		1455.3							
	STO	00075	01.53	33.74	27.02	00.103	1455.7							
	OBS	00076	01.64	33.750	27.02		1456.2							
	OBS	00097	00.75	33.510	27.21		1452.8							
	STO	00100	00.77	33.92	27.21	00.127	1453.0							
	OBS	00100	00.78	33.930	27.22		1453.0							
	OBS	00102	00.50	33.960	27.23		1453.9							
	OBS	00116	02.62	34.110	27.23		1461.7							
	STO	00125	02.57	34.18	27.29	00.148	1461.7							
	OBS	00125	02.57	34.190	27.30		1461.7							
	OBS	00135	02.52	34.270	27.33		1463.5							
	STO	00150	02.57	34.28	27.33	00.168	1464.0							
	OBS	00152	02.56	34.280	27.33		1464.0							
	OBS	00175	02.43	34.250	27.36		1462.0							
	OBS	00192	02.27	34.290	27.40		1461.6							
	OBS	00198	01.86	34.240	27.40		1459.9							
	STO	00200	01.81	34.26	27.41	00.204	1455.7							
	OBS	00203	01.78	34.250	27.44		1455.7							
	OBS	00213	02.02	34.420	27.53		1461.1							
	OBS	00217	02.41	34.470	27.54		1462.9							
	OBS	00226	02.58	34.500	27.55		1463.8							
	STO	00250	02.73	34.50	27.53	00.235	1464.9							
	OBS	00255	02.78	34.500	27.53		1465.2							
	OBS	00276	03.04	34.550	27.58		1466.8							
	OBS	00277	03.04	34.590	27.58		1466.8							
	STO	00300	03.34	34.64	27.59	00.263	1468.5							
	OBS	00300	03.35	34.640	27.55		1468.6							
	OBS	00350	03.70	34.750	27.64		1471.0							
	STO	00400	03.93	34.77	27.63	00.315	1472.8							
	OBS	00401	03.55	34.770	27.63		1472.9							
	OBS	00453	03.93	34.830	27.68		1475.8							
	STO	00500	04.05	34.84	27.67	00.365	1475.3							
	OBS	00500	04.05	34.840	27.67		1475.3							
	OBS	00557	04.18	34.840	27.66		1476.6							
	STO	00600	04.20	34.85	27.67	00.413	1477.4							
	OBS	00601	04.20	34.650	27.67		1477.4							
	OBS	00670	04.17	34.850	27.67		1478.4							
	STO	00700	04.13	34.93	27.73	00.460	1478.9							
	OBS	00702	04.13	34.530	27.74		1476.9							
	OBS	00759	04.15	34.530	27.74		1479.9							
	STO	00800	04.07	34.50	27.72	00.505	1480.2							
	OBS	00801	04.07	34.500	27.72		1480.3							
	OBS	00850	04.06	34.930	27.75		1481.1							
	STO	00900	04.01	34.53	27.75	00.550	1481.7							
	OBS	00900	04.01	34.930	27.75		1481.7							
	OBS	00959	03.97	34.530	27.76		1482.5							
	STO	01000	03.95	34.93	27.76	00.595	1483.1							
	OBS	01001	03.95	34.930	27.76		1483.1							
	OBS	01018	03.54	34.540	27.77		1483.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOON STATION DATA

REFID 51 8355	YEAR 1973	BOTOP 01866	AIR TEMP 03.8	OIR MGT PER	WIND-OIR 31	INST STD RECORDER	TEN SO 1306
CONSEC 0018	MONTH 04	SHIP EV	WET BULB 01.4	31 5 3	WIND-SPD 30	TRACE DIR D	5 SQUARE 2
LAT 42 03 N	DAY 10	DATA USE 1	BAROMETR 1005.5	SEA	WIND-FDR	DURATION	2 SQUARE 28
LONG 045 10 W	HOUR 00.9	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 203	1 SQUARE 39

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DAYC	PD4	TOT P	NO2	NO3	S103	PH
00.9	005	00011	03.47	33.250	26.47		1462.4							
	STD	00020	03.46	33.25	26.47		1462.6							
	005	00030	03.48	33.250	26.47		1462.6							
	STD	00030	03.45	33.25	26.47		1462.7							
	005	00030	03.45	33.250	26.47		1462.7							
	005	00047	03.36	33.220	26.46		1462.5							
	STD	00050	03.28	33.25	26.49		1462.2							
	005	00051	03.23	33.260	26.50		1462.1							
	005	00064	02.71	33.260	26.55		1460.0							
	STD	00075	01.65	33.47	26.75		1455.9							
	005	00076	01.62	33.470	26.80		1455.7							
	005	00078	01.60	33.470	26.80		1455.7							
	005	00081	01.13	33.480	26.64		1453.7							
	STD	00100	01.20	33.73	27.04		1454.6							
	005	00100	01.20	33.740	27.04		1454.6							
	STD	00125	01.07	33.79	27.09		1454.5							
	005	00127	01.01	33.810	27.11		1454.3							
	005	00131	00.91	33.640	27.14		1454.0							
	STD	00150	01.45	34.04	27.27		1457.0							
	005	00152	01.64	34.080	27.26		1457.9							
	005	00156	02.02	34.150	27.31		1459.8							
	005	00177	02.31	34.260	27.39		1461.5							
	STD	00200	02.00	34.27	27.41		1460.6							
	005	00203	01.97	34.270	27.41		1460.5							
	005	00226	01.66	34.300	27.44		1460.4							
	STD	00250	02.27	34.43	27.52		1462.8							
	005	00251	02.30	34.440	27.52		1462.9							
	005	00276	02.83	34.510	27.53		1465.8							
	STD	00300	02.88	34.51	27.53		1466.4							
	005	00300	02.89	34.510	27.53		1466.4							
	005	00358	03.46	34.720	27.64		1469.8							
	005	00340	03.78	34.770	27.65		1471.2							
	005	00352	03.51	34.760	27.63		1472.0							
	STD	00400	04.09	34.83	27.66		1473.0							
	005	00401	04.10	34.830	27.66		1473.7							
	005	00451	04.22	34.830	27.65		1475.0							
	STD	00500	04.23	34.85	27.66		1475.9							
	005	00500	04.23	34.850	27.66		1475.9							
	005	00553	04.17	34.850	27.67		1476.5							
	STD	00600	04.22	34.85	27.67		1477.5							
	005	00601	04.22	34.850	27.67		1477.5							
	005	00651	04.16	34.840	27.66		1478.1							
	STD	00700	04.14	34.85	27.67		1478.8							
	005	00700	04.14	34.850	27.67		1476.8							
	005	00750	04.05	34.850	27.68		1479.4							
	STD	00800	04.05	34.85	27.68		1480.1							
	005	00801	04.05	34.850	27.68		1480.1							
	005	00850	04.02	34.850	27.65		1480.8							
	STD	00900	04.03	34.53	27.75		1481.8							
	005	00904	04.03	34.530	27.75		1481.8							
	005	00951	04.00	34.530	27.75		1462.5							
	STD	01000	03.94	34.53	27.76		1463.1							
	005	01001	03.94	34.530	27.76		1483.1							
	005	01012	03.51	34.530	27.76		1483.1							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOTOP 00580	AIR TEMP -00.2	DIR HGT PER	WIND-DIR 30	INST STD RECORDER	TEN 30 1506
CONSEC 0019	MONTH 04	SHIP EV	WET BULB -00.2	30 6 4	WIND-SPD 25	TRACE DIR 0	5 SQUARE 2
LAT 43 10.2N	DAY 10	DATA USE 1	BAROMETER 1008.4	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 24.6W	MOJR 05.7	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG 011 204	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.7	STO	00000	- 1.19	33.12	26.66	00.000	1441.2							
	085	00003	- 1.19	33.120	26.66		1441.2							
	STO	00007	- 1.18	33.100	26.64		1441.3							
	085	00010	- 1.18	33.11	26.65	00.014	1441.4							
	STO	00011	- 1.18	33.120	26.66		1441.4							
	085	00023	- 1.18	33.11	26.65	00.028	1441.5							
	STO	00023	- 1.18	33.110	26.65		1441.5							
	085	00030	- 1.19	33.13	26.67	00.042	1441.7							
	STO	00030	- 1.19	33.130	26.67		1441.7							
	085	00050	- 1.10	33.14	26.67	00.069	1442.5							
	STO	00053	- 1.08	33.150	26.68		1442.6							
	085	00075	- 1.23	33.24	26.76	00.103	1442.4							
	STO	00076	- 1.24	33.250	26.76		1442.4							
	085	00100	- 1.61	33.38	26.88	00.134	1441.2							
	STO	00100	- 1.62	33.380	26.88		1441.2							
	085	00108	- 1.64	33.400	26.90		1441.2							
	STO	00125	- 1.42	33.47	26.95	00.162	1442.6							
	085	00125	- 1.41	33.470	26.95		1442.7							
	STO	00146	- 1.12	33.480	26.95		1444.4							
	085	00150	- 1.05	33.47	26.94	00.190	1444.8							
	STO	00152	- 1.01	33.470	26.94		1445.0							
	085	00177	- 0.66	33.610	27.04		1446.3							
	STO	00182	- 0.33	33.700	27.09		1445.0							
	085	00186	- 0.59	33.710	27.11		1447.9							
	STO	00194	- 0.63	33.720	27.12		1447.8							
	085	00200	- 0.38	33.84	27.21	00.239	1445.2							
	STO	00203	- 0.25	33.900	27.25		1450.0							
	085	00228	00.12	33.940	27.27		1452.1							
	STO	00250	00.38	33.96	27.26	00.281	1453.7							
	085	00255	00.43	33.970	27.27		1454.0							
	STO	00276	00.56	34.070	27.35		1455.1							
	085	00283	00.67	34.140	27.40		1455.8							
	STO	00287	00.97	34.140	27.38		1457.2							
	085	00300	01.17	34.14	27.37	00.320	1456.4							
	STO	00304	01.26	34.150	27.37		1458.8							
	085	00350	02.40	34.430	27.50		1465.0							
	STO	00400	02.65	34.63	27.62	00.381	1468.1							
	085	00431	02.87	34.630	27.62		1468.2							
	STO	00451	03.42	34.63 P	27.570*									
	085	00500	03.90	34.77	27.64	00.432	1474.4							
	STO	00530	03.90	34.770	27.64		1474.4							
	085	00555	03.98	34.820	27.67		1475.7							
	STO	00578	03.97	34.840	27.68		1476.1							

REFID 31 8355	YEAR 1973	BOTOP 00415	AIR TEMP 00.1	DIR HGT PER	WIND-DIR 29	INST STD RECORDER	TEN 30 1506
CONSEC 0020	MONTH 04	SHIP EV	WET BULB -01.6	29 5 4	WIND-SPD 30	TRACE DIR 0	5 SQUARE 2
LAT 43 17.2N	DAY 10	DATA USE 1	BAROMETER 1005.0	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 35 W	MOJR 09.0	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG 011 205	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
09.0	085	00009	- 0.35	32.900	26.45		1444.9							
	STO	00010	- 0.35	32.90	26.45		1444.9							
	085	00011	- 0.35	32.900	26.45		1444.9							
	STO	00020	- 0.35	32.90	26.45		1445.1							
	085	00023	- 0.35	32.900	26.45		1445.1							
	STO	00030	- 0.37	32.91	26.46		1445.2							
	085	00030	- 0.37	32.910	26.46		1445.2							
	STO	00050	- 0.36	32.91	26.46		1445.4							
	085	00051	- 0.42	32.910	26.46		1445.3							
	STO	00064	- 0.84	32.920	26.47		1445.5							
	085	00075	- 1.05	33.32	26.58		1442.5							
	STO	00078	- 1.10	33.350	26.60		1442.8							
	085	00103	- 1.25	33.09	26.64		1445.5							
	STO	00102	- 1.26	33.100	26.64		1442.5							
	085	00125	- 1.30	33.14	26.67		1442.7							
	STO	00125	- 1.30	33.140	26.68		1442.7							
	085	00135	- 1.32	33.250	26.77		1443.0							
	STO	00150	- 1.21	33.44	26.91		1444.0							
	085	00150	- 1.21	33.440	26.92		1444.0							
	STO	00175	- 1.07	33.490	26.92		1445.1							
	085	00150	- 1.04	33.460	26.93		1445.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 0355	YEAR 1973	BOTOP 00073	AIR TEMP 00.1	DIR HGT PER 29 5 4	WIND-DIR 29	INST STD RECORDER	TEN SG 1306
CONSEC 0021	MONTH 04	SHIP EV	WET BULB -01.6	SEA 5 4	WIND-SPO 30	TRACE DIR 0	5 SQUARE 2
LAT 43 10.7N	DAY 10	DATA USE 1	BAROMETR 1010.9	CL/TR	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 30.8W	MOUR 09.8	AREA 05	CLOUD T/A		WEATHER X2	ORIG 011 206	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
09.6	OBS	00013	- 0.30	32.900	26.45		1445.2							
	OBS	00017	- 0.30	32.850	26.44		1445.3							
	STO	00020	- 0.29	32.90	26.44		1445.3							
	OBS	00022	- 0.29	32.900	26.45		1445.4							
	STO	00030	- 0.28	32.90	26.45		1445.6							
	OBS	00030	- 0.28	32.900	26.45		1445.6							
	STO	00050	- 0.45	32.90	26.45		1445.1							
	OBS	00051	- 0.47	32.900	26.46		1445.1							
	OBS	00062	- 0.69	32.540	26.50		1444.3							

REFID 31 0355	YEAR 1973	BOTOP 00040	AIR TEMP 07.0	DIR HGT PER 26 5 3	WIND-DIR 26	INST STD RECORDER	TEN SG 1306
CONSEC 0022	MONTH 04	SHIP EV	WET BULB 06.2	SEA 5 3	WIND-SPO 16	TRACE DIR 0	5 SQUARE 2
LAT 44 02 N	DAY 10	DATA USE 1	BAROMETR 1011.8	CL/TR	WIND-FOR	DURATION	2 SQUARE 48
LONG 045 27 W	MOUR 16.4	AREA 05	CLOUD T/A		WEATHER X2	ORIG 011 207	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
16.4	OBS	00009	- 0.03	32.550	26.15		1445.9							
	STO	00010	- 0.03	32.55	26.15		1445.9							
	OBS	00011	- 0.03	32.550	26.15		1445.9							
	OBS	00013	- 0.03	32.550	26.15		1446.0							
	OBS	00017	- 0.03	32.550	26.15		1446.0							
	STO	00020	- 0.03	32.55	26.16		1446.1							
	OBS	00028	- 0.04	32.560	26.18		1446.2							

REFID 31 0355	YEAR 1973	BOTOP 00115	AIR TEMP 09.5	DIR HGT PER 28 3 5	WIND-DIR 28	INST STD RECORDER	TEN SG 1306
CONSEC 0023	MONTH 04	SHIP EV	WET BULB 08.2	SEA 3 5	WIND-SPO 24	TRACE DIR 0	5 SQUARE 2
LAT 43 53 N	DAY 10	DATA USE 1	BAROMETR 1014.3	CL/TR	WIND-FOR	DURATION	2 SQUARE 46
LONG 045 04 W	MOUR 19.8	AREA 05	CLOUD T/A		WEATHER X2	ORIG 011 208	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
19.8	STO	00000	- 1.10	33.04	26.59	00.000	1441.5							
	OBS	00007	- 1.10	33.040	26.59		1441.6							
	STO	00010	- 1.11	33.04	26.59	00.015	1441.6							
	OBS	00011	- 1.12	33.040	26.59		1441.6							
	STO	00020	- 1.14	33.04	26.59	00.029	1441.6							
	OBS	00020	- 1.14	33.040	26.59		1441.6							
	STO	00030	- 1.19	33.10	26.64	00.043	1441.6							
	OBS	00030	- 1.19	33.100	26.64		1441.6							
	STO	00050	- 1.27	33.10	26.64	00.071	1441.6							
	OBS	00051	- 1.26	33.100	26.64		1441.5							
	STO	00075	- 1.45	33.19	26.72	00.106	1441.3							
	OBS	00078	- 1.46	33.200	26.73		1441.3							
	OBS	00093	- 1.50	33.260	26.78		1441.4							
	STO	00100	- 1.49	33.25	26.77	00.136	1441.6							
	OBS	00100	- 1.49	33.250	26.77		1441.6							
	OBS	00114	- 1.48	33.250	26.77		1441.5							

REFID 31 0355	YEAR 1973	BOTOP 00421	AIR TEMP	DIR HGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SG 1306
CONSEC 0024	MONTH 04	SHIP EV	WET BULB	SEA	WIND-SPO 18	TRACE DIR	5 SQUARE 2
LAT 43 52 N	DAY 10	DATA USE 1	BAROMETR 1016.8	CL/TR	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 03 W	MOUR 23.5	AREA 05	CLOUD T/A 7/8		WEATHER X2	ORIG 011 209	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
23.5	STO	00000	- 1.42	33.09	26.64	00.000	1440.0							
	OBS	00000	- 1.42	33.089	26.64		1440.0							
	STO	00010	- 1.41	33.10	26.65	00.014	1440.3							
23.5	OBS	00016	- 1.40	33.100	26.65		1440.4							
	STO	00020	- 1.39	33.10	26.65	00.026	1440.5							
	STO	00030	- 1.37	33.10	26.65	00.042	1440.8							
23.5	OBS	00037	- 1.35	33.100	26.65		1441.0							
	STO	00050	- 1.62	33.17	26.71	00.069	1440.0							
23.5	OBS	00066	- 1.76	33.273	26.80		1439.8							
	STO	00075	- 1.76	33.34	26.85	00.101	1440.0							
23.5	OBS	00079	- 1.73	33.372	26.88		1440.3							
	STO	00100	- 1.15	33.50	26.97	00.130	1443.5							
23.5	OBS	00115	- 0.81	33.588	27.02		1445.5							
	STO	00125	- 0.68	33.63	27.05	00.156	1446.3							
	STO	00150	- 0.35	33.74	27.13	00.181	1448.4							
23.5	OBS	00168	- 0.10	33.819	27.18		1450.0							
	STO	00200	00.23	33.96	27.28	00.224	1452.2							
	STO	00250	01.01	34.20	27.42	00.261	1456.9							
23.5	OBS	00266	01.37	34.285	27.47		1456.9							
	STO	00300	02.48	34.46	27.55	00.292	1464.6							
23.5	OBS	00341	03.27	34.650	27.60		1468.9							
23.5	OBS	00350	03.33	34.670	27.61		1469.4							
	STO	00400	03.74	34.77	27.63	00.345	1472.0							
23.5	OBS	00400	03.74	34.770	27.63		1472.0							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

MOOC STATION DATA

REFID 01 0355	YEAR 1973	80TOP 01189	AIR TEMP 00.3	DIR HGT PER	WIND-DIR 31	INST STD RECORDER	TEN SG 1306
CONSEC 0025	MONTH 04	SHIP EV	WET BULB -00.8	26 3 3	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 43 49 N	DAY 11	DATA USE 1	BAROMETR 1016.7	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 55 W	MOOR 00.7	AREA 05	CLOUD T/A	CL/7R	WEATHER X2	ORIG 011 210	1 SQUARE 38

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMTH	SNO VEL	DAYG	PC4	TOT P	MO2	MO3	S103	PH
	STD	00000	- 0.13	33.11	26.61	00.000	1446.1							
00.7	085	00005	- 0.13	33.110	26.61		1446.2							
	STD	00010	- 0.14	33.11	26.61	00.014	1446.2							
	085	00011	- 0.14	33.110	26.61		1446.2							
	STD	00020	- 0.13	33.11	26.61	00.025	1446.4							
	085	00020	- 0.13	33.110	26.61		1446.4							
	STD	00030	- 0.10	33.11	26.61	00.043	1446.7							
	085	00030	- 0.10	33.110	26.61		1446.7							
	085	00041	- 0.18	33.080	26.59		1446.5							
	STD	00050	- 0.44	33.13	26.64	00.072	1445.5							
	085	00051	- 0.51	33.130	26.64		1445.2							
	085	00060	- 1.17	33.110	26.65		1442.2							
	085	00070	- 1.72	33.370	26.87		1440.2							
	STD	00075	- 1.66	33.38	26.88	00.104	1440.5							
	085	00076	- 1.65	33.380	26.88		1440.6							
	STD	00100	- 1.38	33.45	26.93	00.133	1442.3							
	085	00100	- 1.37	33.450	26.93		1442.4							
	STD	00125	- 0.83	33.60	27.03	00.160	1445.6							
	085	00125	- 0.82	33.600	27.03		1445.6							
	085	00146	- 0.40	33.790	27.17		1448.2							
	STD	00150	- 0.07	33.92	27.25	00.183	1445.5							
	085	00150	- 0.04	33.930	27.27		1450.1							
	085	00175	00.38	33.950	27.26		1452.5							
	085	00195	00.63	34.070	27.34		1454.2							
	STD	00200	00.64	34.07	27.34	00.222	1454.2							
	085	00209	01.12	34.150	27.38		1456.0							
	085	00218	01.64	34.170	27.36		1459.1							
	085	00226	01.50	34.140	27.34		1456.6							
	085	00230	01.16	34.160	27.38		1457.2							
	STD	00250	01.06	34.25	27.46	00.257	1457.2							
	085	00251	01.05	34.250	27.45		1457.2							
	085	00266	01.37	34.290	27.47		1458.9							
	085	00274	02.24	34.420	27.51		1463.0							
	085	00276	02.29	34.410	27.50		1463.3							
	085	00285	02.61	34.490	27.53		1464.6							
	085	00291	03.09	34.570	27.56		1467.2							
	STD	00300	03.49	34.62	27.55	00.287	1465.1							
	085	00300	03.52	34.620	27.55		1465.3							
	085	00335	03.70	34.610	27.53		1470.6							
	085	00342	04.31	34.790	27.61		1473.5							
	085	00350	04.65	34.840	27.61		1475.1							
	STD	00400	04.34	34.81	27.62	00.341	1474.6							
	085	00403	04.51	34.810	27.62		1474.5							
	085	00451	03.88	34.770	27.64		1473.5							
	STD	00500	04.11	34.83	27.66	00.391	1475.3							
	085	00500	04.11	34.830	27.66		1475.3							
	085	00550	04.18	34.820	27.65		1476.4							
	STD	00600	04.32	34.85	27.65	00.441	1477.9							
	085	00601	04.32	34.850	27.65		1477.9							
	085	00651	04.10	34.830	27.66		1477.8							
	STD	00700	04.06	34.84	27.67	00.492	1478.5							
	085	00700	04.06	34.840	27.67		1478.5							
	085	00750	04.01	34.840	27.68		1479.1							
	STD	00800	03.97	34.84	27.68	00.541	1479.7							
	085	00801	03.97	34.840	27.68		1479.8							
	085	00852	03.55	34.840	27.68		1480.7							
	STD	00900	03.54	34.84	27.69	00.591	1481.3							
	085	00900	03.54	34.840	27.69		1481.3							
	085	00951	03.89	34.840	27.69		1481.9							
	STD	01000	03.88	34.84	27.69	00.641	1482.7							
	085	01001	03.88	34.840	27.69		1482.7							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

W O O C S T A T I O N O A T A

REFID 31 8255	YEAR 1973	8070P 03114	AIR TEMP 00.9	07R HGT PER	WIND-01R 23	INST STO RECORDER	TEN SD 1306
CONSEC 0026	MONTH 04	SHIP EV	WET BULB -00.6	23 2 4	WIND-SPD 20	TRACE 01R 0	5 SQUARE 2
LAT 43 44 N	DAY 11	DATA USE 1	BAROMETR 1016.8	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 148 23 W	MOJR 03.5	AREA 05	CLOUD 7/A	CL/7R	WEATHER X2	ORIG 011 211	1 SQUARE 38

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
03.9	STO	00000	03.17	33.31	26.54	00.000	1461.0							
	OBS	00005	03.17	33.310	26.54		1461.1							
	STO	00010	03.17	33.33	26.56	00.015	1461.2							
	OBS	00011	03.17	33.340	26.57		1461.3							
	STO	00020	03.17	33.34	26.57	00.030	1461.4							
	OBS	00020	03.17	33.340	26.57		1461.4							
	STO	00030	03.17	33.34	26.57	00.044	1461.6							
	OBS	00032	03.17	33.340	26.57		1461.6							
	OBS	00047	03.10	33.310	26.55		1461.5							
	OBS	00045	02.69	33.280	26.56		1455.7							
	STO	00050	02.66	33.27	26.56	00.074	1455.6							
	OBS	00051	02.56	33.250	26.55		1459.2							
	OBS	00053	02.38	33.580	26.83		1458.9							
	OBS	00059	04.57	33.830	26.82		1468.6							
	OBS	00066	05.37	33.970	26.84		1472.3							
	OBS	00072	04.42	33.860	26.86		1468.3							
	STO	00075	04.61	33.88	26.85	00.108	1469.1							
	OBS	00076	04.69	33.520	26.88		1465.5							
	OBS	00078	04.44	34.050	27.01		1468.7							
	OBS	00075	04.63	34.080	27.01		1469.6							
	OBS	00091	04.42	34.080	27.03		1468.5							
	STO	00100	04.59	34.16	27.06	00.136	1465.9							
	OBS	00102	04.65	34.190	27.09		1470.2							
	OBS	00108	03.66	34.080	27.11		1466.0							
	OBS	00112	03.76	34.100	27.12		1466.5							
	OBS	00118	04.84	34.290	27.15		1471.3							
	STO	00125	04.81	34.27	27.14	00.160	1471.3							
	OBS	00125	04.80	34.270	27.14		1471.3							
	OBS	00125	04.69	34.270	27.15		1470.9							
	OBS	00135	05.99	34.470	27.16		1476.6							
	OBS	00139	06.16	34.550	27.20		1477.4							
	STO	00150	05.77	34.54	27.24	00.183	1476.0							
	OBS	00158	05.49	34.530	27.27		1475.0							
	OBS	00161	06.07	34.640	27.28		1477.5							
	OBS	00163	06.14	34.630	27.26		1477.8							
	OBS	00173	03.87	34.270	27.24		1468.2							
	OBS	00175	03.77	34.280	27.26		1467.8							
	STO	00200	04.02	34.36	27.30	00.224	1465.4							
	OBS	00201	04.04	34.370	27.30		1465.5							
	OBS	00226	04.20	34.430	27.33		1470.7							
	STO	00250	04.11	34.47	27.37	00.263	1470.7							
	OBS	00251	04.10	34.470	27.38		1470.7							
	OBS	00277	04.55	34.610	27.44		1473.2							
	STO	00300	04.56	34.62	27.44	00.258	1473.6							
	OBS	00302	04.56	34.620	27.45		1473.7							
	OBS	00350	05.16	34.830	27.54		1477.2							
	STO	00400	05.12	34.83	27.55	00.362	1477.9							
	OBS	00401	05.12	34.830	27.55		1477.5							
	OBS	00451	05.07	34.860	27.58		1478.5							
	STO	00500	04.46	34.84	27.63	00.418	1476.8							
	OBS	00500	04.46	34.840	27.63		1476.8							
	OBS	00550	04.83	34.870	27.61		1479.2							
	STO	00600	04.05	34.87	27.63	00.471	1475.3							
	OBS	00601	04.65	34.870	27.63		1479.3							
	OBS	00651	04.50	34.870	27.65		1475.5							
	STO	00700	04.49	34.88	27.66	00.523	1480.3							
	OBS	00702	04.49	34.880	27.66		1480.3							
	OBS	00750	04.55	34.900	27.67		1481.4							
	OBS	00774	04.25	34.860	27.67		1480.7							
	STO	00800	04.15	34.85	27.67	00.575	1480.7							
	OBS	00801	04.19	34.850	27.67		1480.7							
	OBS	00850	04.15	34.850	27.67		1481.3							
	STO	00900	04.06	34.85	27.68	00.626	1481.8							
	OBS	00900	04.06	34.850	27.68		1481.8							
	OBS	00951	04.04	34.850	27.68		1482.0							
	STO	01000	03.57	34.85	27.69	00.677	1483.1							
	OBS	01001	03.57	34.850	27.69		1483.1							
	OBS	01007	03.57	34.850	27.69		1483.2							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFIG 31 6350	YEAR 1973	BOTOP 03402	AIR TEMP 03.2	DIR MGT PER	WIND-DIR 24	INST STO RECORDER	TEN SW 1500
CONS&C 0027	MONTH 04	SHIP EV	WET BULB 02.0	32 2 3	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 43 41 N	DAY 11	DATA USE 1	BAROMETR 1017.2	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 048 11 W	HOOR 06.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 212	1 SQUARE 58

CAST/NOY/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNG VEL	QXYG	PC4	TOT P	NO2	NO3	SIO3	PH
06.6	STO	03000	08.90	34.68	26.90	00.000	1485.9							
	OBS	03005	08.90	34.680	26.90		1486.0							
	STO	03010	08.91	34.71	26.93	03.011	1486.2							
	OBS	03011	08.91	34.720	26.93		1486.2							
	STO	03020	08.91	34.72	26.95	03.023	1486.5							
	OBS	03020	08.91	34.720	26.93		1486.4							
	STO	03030	08.91	34.72	26.93	03.034	1486.5							
	OBS	03032	08.91	34.720	26.93		1486.5							
	STO	03050	08.91	34.72	26.93	03.057	1486.8							
	OBS	03051	08.91	34.720	26.93		1486.8							
	STO	03075	08.93	34.73	26.94	00.085	1487.3							
	OBS	03076	08.93	34.730	26.94		1487.3							
	STO	03100	08.89	34.71	26.93	00.114	1487.5							
	OBS	03100	08.88	34.710	26.93		1487.5							
	OBS	03104	08.85	34.720	26.94		1487.5							
	OBS	03116	08.22	34.610	26.95		1485.2							
	OBS	03119	08.16	34.620	26.97		1485.0							
	OBS	03123	07.95	34.600	26.99		1484.2							
	STO	03125	07.95	34.60	26.99	00.142	1484.3							
	OBS	03125	07.95	34.600	26.99		1484.3							
	OBS	03144	07.71	34.630	27.05		1483.7							
	STO	03150	06.28	34.77	27.07	00.169	1486.1							
	OBS	03150	08.31	34.780	27.07		1486.3							
	OBS	03175	07.77	34.720	27.11		1484.5							
	OBS	03184	07.55	34.680	27.11		1483.8							
	OBS	03158	07.68	34.740	27.14		1484.6							
	STO	03200	07.52	34.71	27.13	00.219	1484.0							
	OBS	03207	07.14	34.630	27.13		1482.5							
	OBS	03224	07.63	34.760	27.16		1484.9							
	OBS	03234	06.31	34.520	27.15		1479.5							
	STO	03250	06.17	34.49	27.15	00.267	1479.2							
	OBS	03251	06.16	34.490	27.15		1479.2							
	OBS	03264	06.01	34.480	27.16		1478.8							
	OBS	03276	06.10	34.610	27.25		1479.5							
	OBS	03277	06.13	34.630	27.26		1479.7							
	OBS	03291	06.60	34.750	27.27		1482.7							
	STO	03300	06.90	34.79	27.29	00.312	1483.3							
	OBS	03300	06.90	34.790	27.29		1483.3							
	OBS	03317	06.71	34.770	27.30		1482.8							
	OBS	03326	04.77	34.490	27.32		1474.8							
	OBS	03340	05.09	34.650	27.41		1476.5							
	OBS	03344	05.68	34.760	27.42		1479.1							
	OBS	03348	06.00	34.820	27.43		1480.6							
	OBS	03350	06.11	34.810	27.41		1481.0							
	OBS	03365	05.97	34.770	27.40		1480.7							
	OBS	03373	05.48	34.730	27.43		1476.8							
	OBS	03376	05.22	34.690	27.43		1477.7							
	OBS	03380	05.21	34.720	27.45		1477.6							
	OBS	03384	05.62	34.820	27.48		1479.6							
	OBS	03399	05.67	34.810	27.47		1480.1							
	STO	03400	05.66	34.81	27.47	00.388	1480.0							
	OBS	03405	05.45	34.770	27.46		1479.3							
	OBS	03431	05.39	34.840	27.52		1479.8							
	STO	03500	05.37	34.53	27.60	00.451	1480.7							
	OBS	03500	05.37	34.530	27.60		1480.7							
	OBS	03514	05.31	34.530	27.60		1480.7							
	OBS	03542	04.97	34.530	27.64		1479.7							
	OBS	03550	05.09	34.950	27.65		1480.4							
	STO	03600	05.00	34.56	27.66	03.504	1480.9							
	OBS	03601	05.00	34.560	27.66		1480.9							
	STO	03700	04.56	34.54	27.70	03.554	1480.7							
	OBS	03700	04.56	34.540	27.70		1480.7							
	OBS	03751	04.48	34.950	27.72		1481.2							
	STO	03800	04.34	34.95	27.73	00.601	1481.4							
	OBS	03801	04.34	34.950	27.73		1481.5							
	OBS	03850	04.26	34.940	27.73		1481.9							
	STO	03900	04.22	34.94	27.74	00.647	1482.6							
	OBS	03900	04.22	34.940	27.74		1482.6							
	OBS	03951	04.38	34.930	27.74		1482.8							
	STO	01000	04.07	34.93	27.74	00.695	1483.6							
	OBS	01001	04.06	34.930	27.75		1483.6							
	OBS	01003	04.04	34.530	27.75		1483.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

MOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTDP 03584	AIR TEMP 04.1	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	TEN SQ 1308
CGNSEC 0026	MONTH 04	SHIP EV	WET BULB 03.8	23 3 5	WIND-SPD 16	TRACE DIR 0	5 SQUARE 2
LAT 43 36 N	DAY 11	DATA USE 1	BAROMETR 1018.0	SEA	WIND-FDR	DURATION	2 SQUARE 26
LONG 047 44 W	MOOR 05.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 213	1 SQUARE 37

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIG3	PH
39.0	STD	00000	09.47	34.83	26.93	00.000	1488.2							
	OBS	00007	09.47	34.830	26.93		1488.4							
	STD	00010	09.47	34.85	26.93	00.011	1488.4							
	OBS	00011	09.47	34.830	26.93		1488.4							
	STD	00020	09.48	34.83	26.93	00.023	1488.6							
	OBS	00020	09.48	34.830	26.93		1488.6							
	STD	00030	09.48	34.84	26.93	00.034	1488.8							
	OBS	00030	09.48	34.840	26.93		1488.8							
	STD	00050	09.48	34.84	26.93	00.057	1489.1							
	OBS	00051	09.48	34.840	26.93		1489.1							
	STD	00075	09.49	34.83	26.92	00.086	1489.5							
	OBS	00076	09.49	34.830	26.92		1489.6							
	STD	00100	09.50	34.84	26.93	00.114	1490.0							
	OBS	00100	09.50	34.840	26.93		1490.0							
	STD	00125	09.49	34.84	26.93	00.143	1490.4							
	OBS	00125	09.49	34.840	26.93		1490.4							
	STD	00150	09.49	34.84	26.93	00.172	1490.8							
	OBS	00150	09.49	34.840	26.93		1490.8							
	STD	00175	09.38	34.830	26.94		1490.8							
	OBS	00200	08.29	34.71	27.03	00.228	1486.9							
	STD	00231	08.23	34.710	27.03		1486.7							
	OBS	00226	07.75	34.650	27.09		1485.3							
	STD	00250	07.54	34.70	27.13	00.260	1484.9							
	OBS	00251	07.53	34.700	27.13		1484.8							
	STD	00272	07.37	34.720	27.17		1484.6							
	OBS	00265	07.04	34.640	27.15		1483.5							
	STD	00293	06.98	34.620	27.14		1483.3							
	OBS	00300	07.04	34.73	27.22	00.328	1483.8							
	STD	00303	07.05	34.740	27.23		1483.8							
	OBS	00352	06.41	34.720	27.30		1482.1							
	STD	00400	06.25	34.83	27.40	00.410	1482.4							
	OBS	00403	06.23	34.830	27.41		1482.4							
	STD	00451	05.78	34.830	27.47		1481.4							
	OBS	00500	05.29	34.82	27.52	00.475	1480.2							
	STD	00530	05.29	34.820	27.52		1480.2							
	OBS	00550	05.13	34.840	27.55		1480.4							
	STD	00600	04.65	34.84	27.61	00.535	1479.3							
	OBS	00601	04.65	34.840	27.61		1479.3							
	STD	00651	05.01	34.980	27.68		1481.8							
	OBS	00700	04.78	34.98	27.71	00.590	1481.6							
	STD	00750	04.60	34.960	27.71		1481.7							
	OBS	00800	04.44	34.96	27.73	00.637	1481.9							
	STD	00831	04.44	34.960	27.73		1481.9							
	OBS	00850	04.31	34.950	27.73		1482.2							
	STD	00900	04.35	34.97	27.75	00.683	1483.2							
	OBS	00933	04.35	34.970	27.75		1483.2							
	STD	00967	04.14	34.960	27.76		1483.4							
	OBS	00999	04.02	34.940	27.76		1483.4							
	STD	01000	04.03	34.95	27.76	00.720	1483.5							
	OBS	01001	04.05	34.960	27.77		1483.6							
	STD	01005	04.11	34.960	27.76		1483.9							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REF ID 31 8355	YEAR 1973	BDTDP 03840	AIR TEMP 07.0	DIA HGT PER	WIND-DIA 15	INST STO RECORDER	TEN SW 1306
CONSEC 0025	MDYTH 04	SHIP EV	NET BULB 05.0	25 2 2	WIND-SPO 24	TRACE DIA 0	5 SQUARE 2
LAT 43 26 N	DAY 11	DATA USE 1	BAROMETR 1018.1	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 20 W	MOUR 12.1	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 214	1 SQUARE 37

CASSTN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
12.1	STO	00000	06.35	34.11	26.83	00.000	1475.3							
	OBS	00000	06.35	34.110	26.83		1475.3							
	STO	00010	06.35	34.11	26.83	00.012	1475.5							
	OBS	00010	06.35	34.115	26.83		1475.5							
	STO	00020	06.35	34.11	26.83	00.025	1475.6							
	OBS	00020	06.35	34.115	26.83		1475.6							
	STO	00030	06.35	34.12	26.83	00.037	1475.8							
	OBS	00030	06.35	34.120	26.83		1475.8							
	STO	00050	06.92	34.28	26.86	00.061	1478.6							
	OBS	00050	06.92	34.280	26.86		1478.6							
	STO	00060	07.42	34.350	26.87		1480.8							
	OBS	00060	07.42	34.350	26.87		1480.8							
	STO	00075	06.82	34.25	26.87	00.051	1478.6							
	OBS	00075	06.82	34.250	26.87		1478.6							
	STO	00100	05.49	34.26	27.05	00.115	1473.7							
	OBS	00100	05.49	34.260	27.05		1473.7							
	STO	00110	05.60	34.250	27.03		1474.3							
	OBS	00110	05.60	34.250	27.03		1474.3							
	STO	00125	04.67	34.10	27.02	00.145	1470.5							
	OBS	00125	04.67	34.100	27.02		1470.5							
	STO	00135	04.25	34.150	27.11		1465.0							
	OBS	00135	04.25	34.150	27.11		1465.0							
	STO	00150	04.26	34.22	27.16	00.170	1465.4							
	OBS	00150	04.26	34.220	27.16		1465.4							
	STO	00170	05.19	34.340	27.15		1473.7							
	OBS	00170	05.19	34.340	27.15		1473.7							
	STO	00195	04.84	34.330	27.18		1472.7							
	OBS	00195	04.84	34.330	27.18		1472.7							
	STO	00200	04.47	34.29	27.19	00.215	1471.2							
	OBS	00200	04.47	34.290	27.19		1471.2							
	STO	00225	02.75	34.280	27.35		1464.4							
	OBS	00225	02.75	34.280	27.35		1464.4							
	STO	00250	04.16	34.51	27.40	00.256	1471.0							
	OBS	00250	04.16	34.510	27.40		1471.0							
	STO	00270	02.26	34.390	27.48		1463.0							
	OBS	00270	02.26	34.390	27.48		1463.0							
	STO	00294	02.83	34.465	27.51	00.289	1466.0							
	OBS	00294	02.83	34.465	27.51		1466.0							
	STO	00300	02.95	34.50	27.51		1466.7							
	OBS	00300	02.95	34.500	27.51		1466.7							
	STO	00355	04.19	34.700	27.55		1473.1							
	OBS	00355	04.19	34.700	27.55		1473.1							
	STO	00370	02.65	34.650	27.54		1472.0							
	OBS	00370	02.65	34.650	27.54		1472.0							
	STO	00390	03.92	34.690	27.57		1472.5							
	OBS	00390	03.92	34.690	27.57		1472.5							
	STO	00400	04.30	34.76	27.55	00.346	1474.4							
	OBS	00400	04.30	34.760	27.55		1474.4							
	STO	00420	04.18	34.845	27.67		1474.3							
	OBS	00420	04.18	34.845	27.67		1474.3							
	STO	00451	04.55	34.890	27.66		1476.6							
	OBS	00451	04.55	34.890	27.66		1476.6							
	STO	00500	04.69	34.92	27.67	00.399	1477.9							
	OBS	00500	04.69	34.920	27.67		1477.9							
	STO	00600	04.51	34.92	27.65	00.447	1478.8							
	OBS	00600	04.51	34.920	27.65		1478.8							
	STO	00700	04.26	34.92	27.72	00.494	1479.4							
	OBS	00700	04.26	34.920	27.72		1479.4							
	STO	00700	04.26	34.925	27.72		1479.4							
	OBS	00700	04.26	34.925	27.72		1479.4							
	STO	00800	04.09	34.92	27.74	00.539	1480.4							
	OBS	00800	04.09	34.920	27.74		1480.4							
	STO	00900	04.08	34.92	27.74	00.584	1482.0							
	OBS	00900	04.08	34.920	27.74		1482.0							
	STO	01000	04.00	34.93	27.76	00.625	1483.3							
	OBS	01000	04.00	34.930	27.76		1483.3							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOTOP 03749	AIR TEMP 13.2	DIR MGT PER	WIND-DIR 16	INST STO RECORDER	TEN SQ 1306
CONSEC 0030	MONTH 04	SHIP EV	WET BULB 11.0	16 1 2	WIND-SPO 16	TRACE DIR 0	5 SQUARE 2
LAT 43 17 N	DAY 11	DATA USE 1	BAROMETR 1017.0	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 046 58 W	HOOR 15.4	AREA 05	CLOUD T/A	CL/7R	WEATHER X2	ORIG 011 215	1 SQUARE 36

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SHO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
15.4	STO	00000	04.35	33.72	26.75	00.000	1466.6							
	OBS	00003	04.35	33.720	26.75		1466.7							
	STO	00010	04.32	33.71	26.75	00.013	1466.6							
	OBS	00011	04.31	33.710	26.75		1466.6							
	STO	00020	04.26	33.73	26.77	00.026	1466.6							
	OBS	00020	04.25	33.730	26.77		1466.5							
	STO	00030	04.36	33.72	26.75	00.035	1467.1							
	OBS	00030	04.36	33.720	26.75		1467.1							
	STO	00050	04.48	33.81	26.81	00.064	1468.1							
	OBS	00051	04.45	33.820	26.82		1468.2							
	OBS	00053	04.01	33.800	26.85		1466.2							
	OBS	00055	03.77	33.800	26.88		1465.2							
	OBS	00060	03.72	33.930	26.99		1465.2							
	OBS	00062	03.55	33.550	26.98		1466.3							
	OBS	00074	03.57	33.510	26.98		1464.8							
	STO	00075	03.55	33.52	26.95	00.054	1464.5							
	OBS	00076	03.62	33.540	27.00		1465.1							
	OBS	00093	04.05	34.130	27.11		1467.6							
	OBS	00095	04.00	34.140	27.12		1467.3							
	STO	00100	04.22	34.15	27.11	00.119	1466.3							
	OBS	00104	04.40	34.150	27.12		1469.2							
	OBS	00108	04.52	34.240	27.15		1469.8							
	OBS	00116	05.45	34.480	27.23		1474.2							
	STO	00125	05.46	34.48	27.23	00.142	1474.3							
	OBS	00127	05.45	34.480	27.23		1474.3							
	OBS	00140	05.54	34.490	27.23		1474.9							
	OBS	00146	06.08	34.610	27.26		1477.5							
	STO	00150	06.10	34.63	27.27	00.163	1477.4							
	OBS	00150	06.10	34.630	27.27		1477.5							
	OBS	00158	06.12	34.630	27.27		1477.7							
	OBS	00171	07.16	34.830	27.28		1482.3							
	OBS	00177	07.35	34.850	27.27		1483.1							
	OBS	00190	07.03	34.830	27.30		1482.1							
	STO	00200	06.59	34.74	27.29	00.205	1480.4							
	OBS	00201	06.49	34.720	27.29		1480.0							
	OBS	00205	05.58	34.640	27.25		1478.0							
	OBS	00217	05.50	34.640	27.30		1477.8							
	OBS	00226	06.44	34.770	27.33		1480.3							
	OBS	00236	06.24	34.740	27.34		1479.6							
	OBS	00241	05.49	34.640	27.35		1476.5							
	OBS	00249	04.99	34.620	27.40		1474.6							
	STO	00250	05.01	34.62	27.40	00.243	1474.7							
	OBS	00257	05.17	34.630	27.38		1475.4							
	OBS	00260	05.15	34.610	27.37		1475.4							
	OBS	00266	04.63	34.580	27.41		1473.3							
	OBS	00268	04.52	34.580	27.42		1472.9							
	OBS	00272	04.31	34.570	27.43		1472.1							
	OBS	00276	04.12	34.580	27.46		1471.3							
	STO	00300	04.38	34.62	27.46	00.276	1472.5							
	OBS	00300	04.40	34.620	27.46		1473.0							
	OBS	00350	04.71	34.750	27.53		1475.2							
	STO	00400	04.81	34.83	27.58	00.335	1476.6							
	OBS	00401	04.81	34.630	27.58		1476.6							
	OBS	00415	04.55	34.820	27.60		1475.5							
	OBS	00451	04.59	34.540	27.65		1478.3							
	OBS	00454	05.24	34.560	27.64		1475.4							
	STO	00500	05.08	34.58	27.67	00.392	1479.6							
	OBS	00500	05.08	34.980	27.67		1479.6							
	OBS	00563	05.02	34.570	27.67		1460.3							
	STO	00600	04.97	34.56	27.67	00.441	1480.7							
	OBS	00603	04.97	34.560	27.67		1480.8							
	OBS	00656	04.55	34.560	27.67		1481.6							
	STO	00700	04.86	34.56	27.68	00.492	1481.9							
	OBS	00700	04.86	34.560	27.68		1481.9							
	OBS	00750	04.72	34.980	27.71		1482.2							
	STO	00800	04.49	34.56	27.72	00.540	1482.1							
	OBS	00807	04.47	34.560	27.73		1482.1							
	OBS	00854	04.58	34.950	27.75		1482.5							
	STO	00900	04.27	34.98	27.76	00.586	1482.8							
	OBS	00900	04.27	34.580	27.76		1482.8							
	OBS	00951	04.22	34.980	27.77		1483.5							
	STO	01000	04.11	34.97	27.77	00.629	1483.8							
	OBS	01001	04.11	34.970	27.77		1483.5							
	OBS	01007	04.05	34.970	27.77		1483.5							

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TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

MOOD STATION DATA

REFID 31 0355	YEAR 1973	DOTOP 03831	AIR TEMP 15.2	OIR MGT PER	WIND-OIR 17	INST STO RECOROEK	TEN SQ 1306
CONSEC 0031	MONTH 04	SHIP EV	WET BULB 12.5	26 3 X	WIND-SPO 35	TRACE OIR 0	5 SQUARE 2
LAT 44 06 N	DAY 11	DATA USE 1	BAROMETR 1013.2	SEA	WIND-FDK	DURATION	2 SQUARE 46
LONG 046 33 W	MOJR 21.5	AREA 05	CLOUD 7/4	CL/7R	WEATHER X2	ORIG 011 216	1 SQUARE 46

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPHM	SNO VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
21.5	STO	00000	11.23	35.17	26.89	00.000	1495.0							
	OBS	00005	11.23	35.171	26.89		1495.1							
	STO	00010	11.21	35.16	26.88	00.012	1495.1							
	OBS	00011	11.23	35.160	26.88		1495.1							
	STO	00020	11.15	35.17	26.50	00.024	1495.1							
	OBS	00020	11.15	35.176	26.50		1495.1							
	STO	00030	11.16	35.15	26.51	00.035	1495.3							
	OBS	00030	11.16	35.150	26.51		1495.3							
	STO	00050	11.14	35.15	26.51	00.058	1495.5							
	OBS	00051	11.14	35.187	26.51		1495.6							
	STC	00075	11.06	35.17	26.92	00.087	1495.6							
	OBS	00078	11.04	35.165	26.92		1495.6							
	STO	00100	10.84	35.12	26.92	00.117	1495.2							
	OBS	00103	10.83	35.120	26.92		1495.2							
	OBS	00119	10.67	35.100	26.93		1494.9							
	STO	00125	10.16	34.95	26.93	00.146	1493.1							
	OBS	00127	10.01	34.950	26.93		1492.4							
	OBS	00142	05.56	34.970	26.95		1492.5							
	STO	00150	08.91	34.80	27.00	00.174	1488.6							
	OBS	00154	08.64	34.755	27.00		1487.6							
	OBS	00158	08.61	34.750	27.00		1487.5							
	OBS	00165	08.05	34.630	26.99		1485.5							
	OBS	00178	07.13	34.480	27.01		1481.8							
	STO	00200	06.41	34.35	27.04	00.228	1475.2							
	OBS	00201	06.36	34.350	27.05		1479.0							
	OBS	00226	05.98	34.405	27.11		1477.9							
	OBS	00241	06.35	34.475	27.11		1479.5							
	OBS	00249	05.76	34.350	27.12		1477.4							
	STO	00250	05.63	34.37	27.12	00.275	1476.9							
	OBS	00255	04.92	34.275	27.13		1473.9							
	OBS	00257	04.82	34.260	27.13		1473.5							
	OBS	00276	04.65	34.260	27.15		1473.1							
	OBS	00281	04.57	34.360	27.19		1474.7							
	OBS	00285	05.57	34.430	27.18		1477.3							
	OBS	00298	05.64	34.475	27.20		1477.8							
	STO	00300	05.92	34.53	27.22	00.326	1475.1							
	OBS	00302	06.35	34.625	27.23		1481.0							
	OBS	00304	06.43	34.640	27.23		1481.3							
	OBS	00312	06.72	34.685	27.25		1482.7							
	OBS	00316	06.25	34.610	27.23		1480.5							
	OBS	00323	05.14	34.430	27.23		1476.1							
	OBS	00331	05.32	34.500	27.30		1475.9							
	OBS	00338	07.61	34.573	27.33		1467.0							
	OBS	00348	07.58	34.543	27.31		1467.0							
	OBS	00352	07.53	35.030	27.33		1486.5							
	OBS	00354	08.20	35.092	27.34		1489.6							
	STO	00400	07.73	35.06	27.38	00.410	1488.6							
	OBS	00403	07.68	35.060	27.39		1488.4							
	OBS	00415	07.45	35.060	27.42		1487.9							
	OBS	00424	07.04	34.960	27.42		1486.2							
	OBS	00445	06.79	34.960	27.44		1485.5							
	OBS	00445	06.53	34.926	27.45		1484.5							
	OBS	00458	06.72	34.965	27.45		1485.4							
	OBS	00454	05.35	34.830	27.52		1480.4							
	STO	00500	05.19	34.83	27.54	00.480	1475.8							
	OBS	00500	05.17	34.835	27.54		1479.7							
	OBS	00550	05.19	34.832	27.54		1482.6							
	OBS	00563	04.54	34.833	27.57		1479.8							
	STO	00600	05.08	34.64	27.56	00.541	1481.0							
	OBS	00601	05.05	34.840	27.56		1481.1							
	OBS	00651	04.77	34.550	27.68		1480.7							
	STO	00700	04.54	34.57	27.68	00.596	1482.3							
	OBS	00700	04.54	34.570	27.68		1482.3							
	OBS	00750	04.67	34.950	27.69		1482.0							
	STO	00800	04.50	34.55	27.71	00.646	1482.1							
	OBS	00801	04.50	34.550	27.71		1482.1							
	OBS	00850	04.42	34.550	27.72		1482.6							
	STO	00900	04.33	34.95	27.73	00.693	1483.1							
	OBS	00902	04.33	34.950	27.73		1483.1							
	OBS	00951	04.26	34.950	27.74		1485.6							
	STO	01000	04.16	34.54	27.74	00.739	1484.0							
	OBS	01014	04.15	34.540	27.74		1484.2							
	OBS	01018	04.15	34.540	27.74		1484.3							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8555	YEAR 1973	BOTOP 03840	AIR TEMP 08.0	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	TEN 50 1306
CONSEC 0032	MONTH 04	SHIP EV	WET 8UL6 08.0	14 1 2	WIND-SPO 28	TRACE DIR 0	5 SQUARE 2
LAT 44 13 N	DAY 12	DATA USE 1	BAROMETR 1007.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 03 W	MOUR 02.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 217	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
02.5	STO	00000	03.44	33.36	26.56	00.000	1462.3							
	085	00003	03.44	33.360	26.56		1462.3							
	STO	00010	03.42	33.36	26.56	00.015	1462.4							
	085	00011	03.42	33.360	26.56		1462.4							
	STO	00020	03.45	33.36	26.57	00.030	1462.6							
	085	00020	03.45	33.360	26.57		1462.6							
	STO	00030	03.51	33.40	26.58	00.044	1463.1							
	085	00030	03.51	33.400	26.58		1463.1							
	STO	00050	03.28	33.60	26.76	00.072	1462.7							
	085	00051	03.28	33.653	26.81		1462.7							
	085	00053	03.36	33.740	26.87		1463.3							
	085	00055	02.92	33.550	26.79		1461.3							
	085	00060	02.76	33.603	26.81		1460.7							
	085	00064	02.50	33.575	26.81		1459.6							
	085	00068	01.11	33.560	26.92		1453.5							
	085	00074	00.18	33.515	26.92		1449.3							
	STO	00075	00.23	33.53	26.93	00.102	1449.6							
	085	00076	00.30	33.552	26.94		1449.9							
	085	00091	00.16	33.610	27.00		1449.6							
	085	00093	00.16	33.700	27.07		1449.8							
	085	00097	00.55	33.723	27.07		1451.6							
	085	00099	00.52	33.720	27.07		1451.5							
	STO	00100	00.57	33.72	27.07	00.129	1451.8							
	085	00112	00.82	33.770	27.09		1453.2							
	085	00121	00.47	33.750	27.13		1451.8							
	STO	00125	01.44	33.87	27.15	00.153	1455.3							
	085	00131	01.70	33.930	27.16		1457.6							
	085	00135	01.34	33.890	27.15		1456.0							
	085	00146	03.99	34.290	27.24		1468.3							
	STO	00150	03.99	34.28	27.24	00.175	1468.3							
	085	00150	04.01	34.280	27.23		1468.4							
	085	00158	04.89	34.410	27.24		1472.4							
	085	00167	04.60	34.420	27.28		1471.3							
	085	00184	05.85	34.630	27.30		1477.2							
	085	00194	06.05	34.630	27.28		1478.0							
	085	00198	05.67	34.620	27.32		1476.5							
	085	00199	05.61	34.610	27.31		1476.3							
	STO	00200	05.62	34.61	27.32	00.217	1476.3							
	085	00205	05.86	34.680	27.34		1477.5							
	085	00226	06.14	34.765	27.37		1475.1							
	085	00239	05.84	34.740	27.39		1476.0							
	085	00249	04.17	34.480	27.38		1471.0							
	STO	00250	04.16	34.48	27.38	00.255	1471.0							
	085	00251	04.15	34.480	27.38		1470.9							
	085	00258	04.07	34.500	27.40		1470.7							
	085	00262	03.71	34.490	27.43		1469.3							
	085	00266	04.14	34.545	27.43		1471.2							
	085	00277	04.78	34.630	27.43		1474.2							
	085	00279	04.78	34.635	27.43		1474.2							
	STO	00300	04.34	34.63	27.48	00.289	1472.7							
	085	00300	04.34	34.626	27.48		1472.7							
	085	00325	04.05	34.640	27.52		1471.9							
	085	00329	04.42	34.750	27.56		1473.7							
	085	00350	04.57	34.765	27.56		1474.7							
	085	00367	04.48	34.750	27.56		1474.6							
	085	00375	04.87	34.820	27.57		1476.4							
	085	00386	04.87	34.840	27.58		1476.6							
	085	00395	04.64	34.825	27.60		1475.8							
	STO	00400	04.65	34.83	27.60	00.349	1475.9							
	085	00403	04.66	34.840	27.61		1476.0							
	085	00451	04.85	34.840	27.59		1477.6							
	STO	00500	04.88	34.94	27.67	00.400	1478.7							
	085	00500	04.88	34.943	27.67		1478.7							
	085	00514	04.61	34.935	27.69		1477.8							
	085	00550	04.76	34.967	27.70		1479.0							
	STO	00600	04.49	34.93	27.70	00.445	1478.7							
	085	00601	04.48	34.925	27.70		1478.7							
	085	00651	04.35	34.920	27.71		1479.0							
	STO	00700	04.44	34.95	27.72	00.495	1480.2							
	085	00700	04.44	34.953	27.72		1480.2							
	085	00750	04.34	34.950	27.73		1480.6							
	STO	00800	04.35	34.97	27.74	00.540	1481.7							
	085	00801	04.39	34.970	27.74		1481.7							
	085	00852	04.28	34.960	27.75		1482.1							
	STO	00900	04.31	34.97	27.75	00.585	1483.0							
	085	00903	04.31	34.975	27.75		1483.0							
	085	00951	04.17	34.950	27.75		1483.2							
	STO	01000	04.02	34.93	27.75	00.630	1483.4							
	085	01010	03.99	34.930	27.75		1483.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O D E S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTOP 03512	AIR TEMP 06.0	OIR HGT PER	WIND-OIR 18	INST STO RECORDER	TEN 50 1306
CGASEC 0033	MONTH 04	SHIP EV	WET BULB 05.9	19 1 3	WIND-SPD 16	TRACE OIR	5 SQUARE 2
LAT 44 15 N	DAY 12	DATA USE 1	BAROMETR 1007.8	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 45 W	HOOR 05.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	ORIG 01 218	1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYN DPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	03.74	33.46	26.61	00.000	1463.7							
35.7	065	00001	03.74	33.460	26.61		1463.7							
	STD	00010	03.74	33.46	26.61	00.014	1463.9							
	065	00011	03.74	33.463	26.61		1463.9							
	STD	00020	03.72	33.46	26.61	00.029	1463.9							
	065	00020	03.72	33.460	26.61		1463.9							
	065	00022	03.72	33.440	26.60		1463.9							
	STD	00030	03.71	33.45	26.61	00.043	1464.0							
	065	00030	03.71	33.452	26.61		1464.0							
	065	00043	04.1A	33.597	26.68		1466.4							
	STD	00050	05.11	33.82	26.75	00.071	1470.7							
	065	00051	05.26	33.852	26.76		1471.4							
	065	00053	05.57	33.898	26.76		1472.8							
	065	00059	05.89	33.987	26.79		1474.3							
	STD	00075	05.63	34.00	26.83	00.102	1473.5							
	065	00076	05.48	34.000	26.85		1472.9							
	065	00079	04.85	33.890	26.83		1470.2							
	065	00083	03.26	33.755	26.89		1463.4							
	065	00087	02.42	33.768	26.97		1459.9							
	065	00091	02.09	33.714	26.96		1458.4							
	STD	00100	01.31	33.74	27.03	00.131	1455.1							
	065	00102	01.18	33.747	27.05		1454.6							
	065	00110	01.12	33.750	27.09		1454.5							
	065	00118	02.65	33.645	27.10		1461.6							
	STD	00125	04.78	34.25	27.13	00.156	1471.2							
	065	00125	04.89	34.270	27.13		1471.7							
	065	00135	05.00	34.290	27.13		1472.3							
	065	00135	05.18	34.315	27.13		1473.1							
	065	00144	05.25	34.460	27.24		1473.7							
	STD	00150	05.31	34.46	27.23	00.179	1474.0							
	065	00150	05.31	34.455	27.23		1474.0							
	065	00152	05.28	34.450	27.23		1473.9							
	065	00156	02.93	34.153	27.24		1463.7							
	065	00159	02.38	34.090	27.23		1461.3							
	065	00165	01.82	34.082	27.27		1458.9							
	065	00177	03.64	34.280	27.27		1467.3							
	065	00184	03.71	34.300	27.26		1467.7							
	065	00188	03.54	34.287	27.29		1467.0							
	065	00194	03.01	34.270	27.32		1464.9							
	STD	00200	03.13	34.25	27.33	00.220	1465.5							
	065	00207	03.21	34.308	27.34		1466.0							
	065	00228	02.96	34.340	27.38		1465.5							
	065	00236	03.53	34.420	27.39		1468.0							
	065	00243	03.41	34.430	27.41		1467.6							
	STD	00250	03.70	34.45	27.43	00.256	1469.0							
	065	00251	03.76	34.490	27.43		1469.3							
	065	00253	03.85	34.490	27.42		1469.7							
	065	00258	04.21	34.620	27.48		1471.5							
	065	00276	04.30	34.620	27.47		1472.1							
	STD	00300	04.69	34.75	27.52	00.288	1474.3							
	065	00300	04.70	34.735	27.52		1474.4							
	065	00314	04.75	34.770	27.54		1474.8							
	065	00327	04.62	34.760	27.55		1474.5							
	065	00333	04.24	34.720	27.56		1473.0							
	065	00342	04.49	34.780	27.58		1474.3							
	065	00350	04.48	34.760	27.57		1474.3							
	065	00355	04.73	34.830	27.59		1475.6							
	065	00365	04.33	34.770	27.59		1475.5							
	STD	00400	04.61	34.82	27.60	00.346	1475.8							
	065	00401	04.62	34.820	27.60		1475.8							
	065	00451	04.58	34.830	27.61		1476.5							
	STD	00500	04.45	34.52	27.69	00.396	1476.9							
	065	00504	04.44	34.520	27.70		1476.9							
	065	00550	04.37	34.530	27.71		1477.4							
	STD	00600	04.34	34.54	27.72	00.442	1478.1							
	065	00601	04.34	34.540	27.72		1478.1							
	065	00651	04.23	34.540	27.74		1478.5							
	STD	00700	04.15	34.53	27.74	00.486	1479.0							
	065	00700	04.15	34.930	27.74		1479.0							
	065	00751	04.12	34.930	27.74		1479.7							
	STD	00800	04.03	34.93	27.75	00.530	1480.1							
	065	00801	04.03	34.530	27.75		1480.1							
	065	00850	03.92	34.520	27.75		1480.5							
	STD	00900	03.85	34.52	27.76	00.573	1481.2							
	065	00900	03.89	34.520	27.76		1481.2							
	065	00951	03.81	34.520	27.76		1481.7							
	STD	01000	03.76	34.91	27.76	00.617	1482.3							
	065	01020	03.75	34.657	27.75		1482.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOO.C STATION DATA

REFID 31 #355	YEAR 1973	BOJTOP 03201	AIR TEMP 07.0	OIR MGT PER	WIND-OIR 01	INST STO RECORDER	TEN SQ 1306
CONSEC 0034	MONTH 04	SHIP EV	WET BULB 07.0	22 5 3	WIND-SPD 08	TRACE OIR	3 SQUARE 2
LAT 4 29 N	DAY 12	DATA USE 1	BAROMETR 1010.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 0-8 18 W	MOJR 05.6	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIG 011 219	1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTM	SNO VEL	OKYG	P04	TOT P	NO2	NO3	SIO3	PH
09.0	STO	00000	01.91	33.11	26.49	00.000	1455.3							
	085	00003	01.91	33.110	26.49		1455.3							
	085	00005	01.91	33.100	26.48		1455.4							
	STO	00010	01.91	33.10	26.46	00.010	1455.4							
	085	00011	01.91	33.100	26.48		1455.5							
	STO	00020	02.07	33.20	26.55	00.031	1456.4							
	085	00022	02.18	33.240	26.57		1457.0							
	STO	00030	02.60	33.38	26.65	00.045	1455.1							
	085	00030	02.62	33.390	26.66		1455.3							
	085	00041	03.02	33.493	26.70		1461.3							
	085	00045	03.34	33.557	26.73		1462.9							
	085	00049	03.45	33.590	26.74		1463.4							
	STO	00050	03.38	33.55	26.72	00.073	1463.1							
	085	00059	01.66	33.400	26.74		1455.5							
	085	00060	01.15	33.453	26.84		1453.6							
	085	00066	01.34	33.550	26.88		1454.4							
	085	00070	02.02	33.595	26.87		1457.6							
	085	00072	02.11	33.606	26.87		1458.0							
	STO	00075	02.28	33.62	26.87	00.104	1458.8							
	085	00076	02.51	33.648	26.87		1459.9							
	085	00078	03.14	33.730	26.88		1462.8							
	085	00083	05.06	34.060	26.95		1471.4							
	085	00085	05.17	34.076	26.95		1471.9							
	085	00093	04.45	33.950	26.93		1468.9							
	STO	00100	02.52	33.80	26.99	00.133	1460.5							
	085	00103	02.39	33.790	26.95		1460.0							
	085	00104	02.18	33.780	27.00		1459.1							
	085	00108	02.31	33.800	27.01		1459.8							
	085	00112	02.70	33.920	27.07		1461.7							
	085	00115	03.30	34.060	27.13		1464.6							
	085	00121	04.42	34.280	27.19		1469.7							
	STO	00125	04.50	34.28	27.18	00.158	1470.0							
	085	00125	04.54	34.280	27.18		1470.2							
	085	00131	05.32	34.407	27.19		1473.7							
	085	00140	05.50	34.500	27.15		1476.3							
	STO	00150	05.50	34.50	27.19	00.160	1476.5							
	085	00153	05.90	34.500	27.15		1476.5							
	085	00156	05.53	34.475	27.22		1475.0							
	085	00167	05.53	34.450	27.23		1475.3							
	085	00175	05.93	34.605	27.27		1477.2							
	085	00177	05.82	34.613	27.29		1476.7							
	085	00184	05.93	34.630	27.25		1477.3							
	STO	00200	05.22	34.55	27.31	00.223	1474.6							
	085	00205	05.09	34.540	27.32		1474.2							
	085	00211	05.03	34.540	27.33		1474.0							
	085	00218	04.43	34.480	27.35		1471.6							
	085	00222	04.49	34.480	27.34		1471.9							
	085	00230	03.78	34.450	27.39		1465.0							
	085	00234	03.83	34.495	27.42		1465.3							
	085	00239	04.40	34.604	27.45		1471.9							
	STO	00250	04.42	34.62	27.46	00.259	1472.2							
	085	00253	04.45	34.620	27.46		1472.3							
	085	00255	04.41	34.620	27.46		1472.3							
	085	00276	04.02	34.600	27.45		1470.9							
	STO	00300	04.35	34.67	27.51	00.251	1472.7							
	085	00302	04.36	34.673	27.51		1472.9							
	085	00350	04.81	34.850	27.58		1475.8							
	085	00373	05.02	34.845	27.57		1477.0							
	085	00378	05.34	34.950	27.62		1478.6							
	STO	00400	05.27	34.93	27.61	00.345	1478.6							
	085	00401	05.20	34.930	27.61		1478.6							
	085	00451	04.93	34.560	27.67		1478.1							
	085	00481	04.61	34.520	27.68		1477.2							
	STO	00500	04.61	34.54	27.67	00.400	1478.4							
	085	00503	04.81	34.945	27.67		1478.4							
	085	00550	04.81	34.970	27.69		1479.3							
	STO	00600	04.72	34.97	27.70	00.448	1475.7							
	085	00601	04.72	34.970	27.71		1479.7							
	085	00651	04.57	34.970	27.72		1475.9							
	STO	00700	04.55	34.97	27.72	00.494	1480.7							
	085	00700	04.55	34.970	27.72		1480.7							
	085	00750	04.46	34.970	27.73		1481.1							
	STO	00800	04.17	34.94	27.74	00.535	1480.7							
	085	00801	04.16	34.940	27.74		1480.7							
	085	00850	04.06	34.930	27.75		1481.1							
	STO	00900	03.91	34.92	27.75	00.583	1481.3							
	085	00917	03.90	34.920	27.75		1481.5							
	085	00951	03.93	34.920	27.75		1482.2							
	STO	01000	03.89	34.92	27.76	00.627	1482.6							
	085	01003	03.88	34.920	27.76		1482.9							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N D O C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOTOP J2012	AIR TEMP 08.8	OIR MGT PER	WIND-DIR 23	INST STO RECORDER	TEN SJ 1506
CONSEC 0335	MOYTH 04	SHIP EV	WET BULB 08.2	17 6 5	*WIND-SPO 06	TRACE OIR 0	5 SQUARE 2
LAT 44 37.1N	OAY 12	DATA USE 1	BAROMETER 1008.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 45 W	MOUR 12.9	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG 011 223	1 SQUARE 46

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PQ4	TOT P	NO2	NO3	SIO3	PH
12.9	STO	00000	- 1.45	32.77	26.38	00.030	1435.4							
	OBS	00001	- 1.45	32.773	26.38		1435.5							
	OBS	00003	- 1.48	32.770	26.38		1439.4							
	STO	00013	- 1.49	32.86	26.45	00.016	1439.5							
	OBS	00011	- 1.45	32.867	26.46		1435.6							
	STO	00020	- 1.46	32.86	26.46	00.032	1439.8							
	OBS	00020	- 1.46	32.860	26.45		1435.9							
	STO	00030	- 1.42	32.88	26.47	00.048	1440.2							
	OBS	00033	- 1.42	32.880	26.47		1440.2							
	OBS	00040	- 1.34	32.905	26.49		1440.8							
	STO	00050	- 1.30	33.09	26.64	00.070	1441.4							
	OBS	00051	- 1.30	33.110	26.65		1441.5							
	STO	00075	- 1.56	33.22	26.75	00.111	1440.8							
	OBS	00078	- 1.58	33.240	26.77		1440.8							
	OBS	00059	- 1.60	33.350	26.86		1441.2							
	STO	00100	- 1.59	33.35	26.86	00.143	1441.2							
	OBS	00133	- 1.59	33.357	26.86		1441.3							
	STO	00125	- 1.36	33.44	26.92	00.172	1442.9							
	OBS	00125	- 1.35	33.440	26.92		1442.9							
	STO	00150	- 1.06	33.55	27.00	00.155	1444.9							
	OBS	00150	- 1.05	33.550	27.00		1444.4							
	OBS	00175	- 0.62	32.720	27.12		1447.5							
	STO	00200	00.00	33.50	27.24	00.240	1451.1							
	OBS	00205	00.10	33.526	27.26		1451.7							
	OBS	00226	00.31	33.540	27.26		1453.0							
	STO	00250	00.56	34.06	27.34	00.280	1454.7							
	OBS	00251	00.58	34.070	27.35		1454.8							
	OBS	00276	00.96	34.140	27.38		1457.0							
	STO	00300	01.49	34.29	27.46	00.320	1463.0							
	OBS	00300	01.52	34.295	27.47		1460.1							
	OBS	00306	01.76	34.317	27.47		1461.3							
	OBS	00312	01.76	34.370	27.51		1461.6							
	OBS	00315	02.56	34.466	27.53		1465.4							
	OBS	00331	02.62	34.493	27.52		1466.6							
	OBS	00336	03.40	34.615	27.56		1466.5							
	OBS	00350	03.58	34.635	27.56		1473.4							
	OBS	00371	03.51	34.677	27.60		1470.5							
	OBS	00378	04.07	34.750	27.60		1473.1							
	STO	00400	04.56	34.83	27.61	00.378	1475.6							
	OBS	00401	04.58	34.835	27.61		1475.7							
	OBS	00410	04.58	34.830	27.61		1475.6							
	OBS	00424	04.24	34.770	27.60		1474.5							
	OBS	00428	04.37	34.783	27.60		1475.2							
	OBS	00434	04.35	34.765	27.62		1475.9							
	OBS	00451	03.55	34.770	27.63		1473.8							
	STO	00500	04.18	34.82	27.65	00.430	1475.6							
	OBS	00500	04.18	34.820	27.65		1475.6							
	OBS	00550	04.14	34.820	27.66		1476.3							
	STO	00600	04.18	34.83	27.65	00.481	1477.5							
	OBS	00601	04.18	34.830	27.65		1477.3							
	OBS	00652	04.20	34.840	27.66		1478.3							
	STO	00700	04.12	34.84	27.67	00.531	1478.7							
	OBS	00700	04.12	34.840	27.67		1478.7							
	OBS	00750	04.39	34.840	27.67		1475.4							
	STO	00800	04.34	34.84	27.68	00.582	1480.0							
	OBS	00801	04.04	34.840	27.68		1480.1							
	OBS	00850	04.00	34.840	27.68		1480.7							
	STO	00900	03.59	34.84	27.68	00.632	1481.5							
	OBS	00900	03.99	34.840	27.68		1481.5							
	OBS	00951	03.55	34.840	27.69		1482.2							
	STO	01000	03.58	34.90	27.73	00.661	1483.2							
	OBS	01012	04.00	34.930	27.75		1483.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 0250 YEAR 1973 BOTDOP 0050 AIR TEMP 06.8 OIR HGT PER WIND-OIR 16 INST STO RECORDER TEN SQ 1306
CONSEC 0030 MONTH 04 SHIP EV WET BULB 04.2 23 2 X WIND-SPD 21 TRACE OIR 0 5 SQUARE 2
LAT 44 37 N DAY 12 DATA USE 1 BAROMETER 1008.8 SEA WIND-FOR DURATION 2 SQUARE 46
LONG 048 57 W HOUR 15.0 AREA 05 CLOUD T/A CL/TR WEATHER A6 ORIG 011 221 1 SQUARE 48

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
15.0	STO	00000	- 1.44	32.91	26.49	00.000	1435.7							
	DBS	00001	- 1.44	32.910	26.49		1435.7							
	DBS	00005	- 1.49	32.898	26.49		1435.5							
	STO	00010	- 1.51	32.91	26.50	00.015	1435.5							
	DBS	00011	- 1.52	32.910	26.50		1435.5							
	STO	00020	- 1.55	32.91	26.50	00.031	1435.5							
	DBS	00020	- 1.55	32.910	26.50		1435.5							
	STO	00030	- 1.55	32.91	26.50	00.046	1435.7							
	DBS	00030	- 1.55	32.910	26.50		1435.7							
	STO	00050	- 1.57	32.91	26.50	00.077	1435.9							
	DBS	00051	- 1.57	32.910	26.50		1435.9							
	DBS	00070	- 1.67	33.090	26.65		1440.0							
	STO	00075	- 1.64	33.15	26.70	00.113	1440.3							
	DBS	00078	- 1.63	33.190	26.73		1440.5							
	STO	00100	- 1.62	33.25	26.77	00.146	1441.0							
	DBS	00102	- 1.62	33.260	26.78		1441.0							
	STO	00125	- 1.45	33.38	26.87	00.177	1442.4							
	DBS	00125	- 1.43	33.380	26.88		1442.5							
	STO	00150	- 1.37	33.40	26.89	00.206	1443.2							
	DBS	00150	- 1.37	33.400	26.89		1443.2							
	DBS	00177	- 1.15	33.460	26.93		1444.7							
	STO	00200	- 0.69	33.71	27.12	00.259	1447.6							
	DBS	00201	- 0.65	33.720	27.12		1447.8							
	DBS	00226	- 0.17	33.800	27.17		1450.6							
	STO	00250	00.10	33.92	27.25	00.303	1452.4							
	DBS	00251	00.12	33.930	27.26		1452.5							
	DBS	00275	00.47	34.065	27.35		1456.8							
	STO	00300	00.90	34.15	27.35	00.341	1457.2							
	DBS	00300	00.92	34.150	27.39		1457.3							
	DBS	00327	01.48	34.300	27.47		1460.4							
	DBS	00353	01.75	34.345	27.49		1461.8							
	DBS	00350	02.21	34.408	27.50		1464.1							
	DBS	00354	02.23	34.450	27.53		1466.4							
	DBS	00365	03.54	34.610	27.54		1470.5							
	DBS	00386	03.26	34.585	27.55		1469.5							
	STO	00400	03.67	34.64	27.55	00.405	1471.6							
	DBS	00401	03.72	34.640	27.55		1471.8							
	DBS	00409	03.45	34.630	27.57		1470.8							
	DBS	00420	04.22	34.770	27.60		1474.4							
	DBS	00443	04.26	34.770	27.60		1474.9							
	DBS	00447	04.06	34.770	27.62		1474.2							
	DBS	00454	04.33	34.820	27.63		1475.5							
	DBS	00451	04.72	34.500	27.65		1477.8							
	STO	00500	04.69	34.85	27.65	00.460	1477.8							
	STO	00600	04.39	34.85	27.65	00.511	1478.2							
	DBS	00626	04.31	34.850	27.66		1478.3							
	DBS	00635	04.24	34.850	27.66		1478.2							
	DBS	00668	04.22	34.850	27.67		1478.6							
	STO	00700	04.12	34.85	27.68	00.561	1478.7							
	DBS	00704	04.11	34.850	27.68		1478.7							
	STO	00800	04.09	34.85	27.68	00.611	1480.3							
	STO	00900	03.97	34.85	27.69	00.661	1481.4							
	DBS	00934	03.91	34.850	27.70		1481.7							
	DBS	00953	03.67	34.845	27.70		1481.9							
	STO	01000	03.84	34.85	27.70	00.711	1482.5							
	DBS	01014	03.63	34.850	27.71		1482.7							

REFID 31 0355 YEAR 1973 BOTDOP 00274 AIR TEMP 03.0 OIR HGT PER WIND-OIR 10 INST STO RECORDER TEN SQ 1306
CONSEC 0037 MONTH 04 SHIP EV WET BULB 03.0 11 3 4 WIND-SPD 06 TRACE OIR 0 5 SQUARE 2
LAT 44 30.5N DAY 12 DATA USE 1 BAROMETER 1003.9 SEA WIND-FOR DURATION 2 SQUARE 46
LONG 049 04 W HOUR 16.3 AREA 05 CLOUD T/A CL/TR WEATHER A6 ORIG 011 222 1 SQUARE 49

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
16.3	STO	00000	- 1.28	32.82	26.42	00.000	1440.3							
	DBS	00001	- 1.28	32.817	26.42		1440.3							
	STO	00010	- 1.42	32.89	26.48	00.016	1439.9							
	DBS	00011	- 1.44	32.900	26.49		1439.9							
	STO	00020	- 1.47	32.90	26.49	00.031	1439.9							
	DBS	00020	- 1.47	32.900	26.49		1439.9							
	STO	00030	- 1.47	32.90	26.49	00.047	1440.0							
	DBS	00030	- 1.47	32.900	26.49		1440.0							
	STO	00050	- 1.48	32.90	26.49	00.078	1440.3							
	DBS	00051	- 1.48	32.897	26.49		1440.3							
	STO	00075	- 1.52	33.16	26.70	00.114	1440.9							
	DBS	00078	- 1.53	33.183	26.72		1440.9							
	STO	00100	- 1.57	33.26	26.78	00.147	1441.2							
	DBS	00100	- 1.57	33.260	26.78		1441.2							
	DBS	00116	- 1.65	33.255	26.78		1441.1							
	STO	00125	- 1.56	33.30	26.81	00.178	1441.7							
	DBS	00125	- 1.56	33.298	26.81		1441.7							
	STO	00150	- 1.49	33.36	26.80	00.205	1442.5							
	DBS	00150	- 1.49	33.357	26.86		1442.6							
	DBS	00175	- 1.48	33.385	26.88		1443.1							
	DBS	00190	- 1.25	33.470	26.94		1444.5							
	STO	00200	- 1.10	33.52	26.98	00.265	1445.4							
	DBS	00203	- 1.02	33.550	27.00		1445.5							
	DBS	00226	- 0.28	33.790	27.16		1450.1							
	STO	00250	- 0.09	33.91	27.25	00.313	1451.5							
	DBS	00251	- 0.05	33.915	27.25		1451.7							
	DBS	00260	00.33	33.942	27.26		1453.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 00074	AIR TEMP 10.5	DIR HGT PER	WIND-DIR 17	INST STD RECORDER	TEN SW 1506
CONSEC 0038	MONTH 04	SHIP EV	MET BULB 10.1	24 2 X	WIND-SPD 14	TRACE DIR D	5 SQUARE 2
LAT 44 38 N	DAY 12	DATA USE 1	BAROMETR 1008.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 045 11 W	MOJR 17.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG D11 223	1 SQUARE 45

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDEPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
17.4	STD	00000	- 0.98	32.90	26.47	00.000	1441.8							
	OBS	00005	- 0.98	32.858	26.47		1441.9							
	OBS	00009	- 1.04	32.895	26.47		1441.7							
	STD	00010	- 1.05	32.90	26.47	00.016	1441.7							
	OBS	00011	- 1.08	32.898	26.48		1441.5							
	STD	00020	- 1.10	32.90	26.48	00.031	1441.6							
	OBS	00020	- 1.10	32.903	26.48		1441.6							
	STD	00030	- 1.11	32.90	26.48	00.047	1441.7							
	OBS	00030	- 1.11	32.900	26.48		1441.7							
	STD	00050	- 1.12	32.90	26.50	00.078	1442.0							
	OBS	00051	- 1.12	32.940	26.51		1442.1							
	OBS	00062	- 1.34	33.108	26.65		1441.5							
	OBS	00066	- 1.34	33.107	26.65		1441.5							

REFID 31 8355	YEAR 1973	BOTOP 00064	AIR TEMP 03.2	DIR HGT PER	WIND-DIR 20	INST STD RECORDER	TEN SW 1506
CONSEC 0039	MONTH 04	SHIP EV	MET BULB 02.5	18 3 5	WIND-SPD 14	TRACE DIR D	5 SQUARE 2
LAT 44 41 N	DAY 12	DATA USE 1	BAROMETR 1008.8	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 045 16 W	MOJR 16.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG D11 224	1 SQUARE 45

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDEPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
18.2	STD	00000	- 0.61	32.68	26.28	00.000	1443.2							
	OBS	00001	- 0.61	32.680	26.28		1443.5							
	STD	00010	- 0.83	32.71	26.31	00.017	1442.4							
	OBS	00011	- 0.86	32.720	26.32		1442.3							
	STD	00020	- 1.05	32.82	26.41	00.034	1441.7							
	OBS	00020	- 1.06	32.827	26.42		1441.7							
	STD	00030	- 1.13	32.85	26.47	00.050	1441.6							
	OBS	00030	- 1.13	32.893	26.47		1441.6							
	OBS	00049	- 1.28	32.900	26.48		1441.2							
	STD	00050	- 1.28	32.90	26.48	00.061	1441.3							
	OBS	00051	- 1.27	32.900	26.48		1441.3							
	OBS	00059	- 1.28	32.920	26.50		1441.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 03070	AIR TEMP 10.0	DIR MGT PER	WIND-DIR 19	INST STO RECORDER	TEN SQ 1306
CONSEC 0340	MONTH 04	SHIP EV	WET BULB 09.8	20 1 4	WIND-SPO 08	TRACE DIR 0	5 SQUARE 2
LAT 44 42 N	DAY 15	DATA USE 1	BAROMETR 1018.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 02.5W	MOOR 14.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X2	ORIG 011 225	1 SQUARE 46

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYO	P04	TOT P	NO2	NO3	SIO3	PH
14.3	STO	00300	03.08	33.35	20.58	00.000	1480.7							
	085	00305	03.08	33.350	20.58		1460.8							
	STO	00310	02.56	33.22	20.57	00.015	1460.3							
	085	00311	02.52	33.320	20.57		1460.2							
	STO	00320	02.76	33.37	20.63	00.025	1459.7							
	085	00320	02.75	33.370	20.63		1459.7							
	085	00326	02.74	33.370	20.63		1459.7							
	STO	00330	02.74	33.38	20.64	00.043	1459.8							
	085	00330	02.74	33.360	20.64		1459.8							
	085	00338	02.76	33.360	20.64		1460.0							
	STO	00350	06.66	34.16	20.82	00.070	1477.4							
	085	00351	06.57	34.220	20.83		1476.8							
	STO	00375	07.13	34.23	20.81	00.101	1475.8							
	085	00376	07.14	34.250	20.83		1479.5							
	085	00379	06.52	34.340	20.99		1477.6							
	085	00383	06.36	34.400	27.05		1477.1							
	085	00387	06.73	34.480	27.07		1478.7							
	085	00391	06.78	34.490	27.07		1479.0							
	085	00395	07.39	34.680	27.13		1481.7							
	STO	00400	07.49	34.71	27.14	00.129	1482.2							
	085	00403	07.52	34.710	27.14		1482.4							
	085	00402	07.55	34.720	27.13		1482.7							
	085	00421	07.12	34.650	27.18		1481.1							
	085	00423	07.41	34.750	27.18		1482.4							
	STO	00425	07.36	34.74	27.18	00.152	1482.1							
	085	00433	06.73	34.630	27.19		1479.7							
	085	00444	05.03	34.560	27.15		1472.7							
	STO	00450	04.93	34.36	27.20	00.175	1472.3							
	085	00450	04.92	34.565	27.20		1472.3							
	085	00459	05.42	34.467	27.22		1474.7							
	085	00461	05.41	34.470	27.23		1474.6							
	085	00467	05.09	34.416	27.23		1475.4							
	085	00469	05.08	34.420	27.23		1473.4							
	085	00471	05.35	34.460	27.23		1474.5							
	085	00477	05.39	34.460	27.24		1474.8							
	085	00480	04.95	34.417	27.24		1473.0							
	085	00486	04.72	34.400	27.25		1472.3							
	STO	00200	04.54	34.44	27.26	00.218	1473.3							
	085	00201	05.03	34.460	27.27		1473.7							
	085	00209	04.28	34.372	27.28		1470.6							
	085	00213	04.24	34.400	27.31		1470.6							
	085	00217	04.72	34.470	27.31		1472.7							
	085	00216	04.74	34.485	27.32		1472.9							
	085	00224	05.42	34.600	27.33		1475.9							
	085	00226	05.50	34.613	27.33		1476.3							
	085	00239	06.12	34.740	27.35		1475.2							
	STO	00250	06.05	34.75	27.37	00.258	1475.1							
	085	00251	06.05	34.750	27.37		1479.1							
	085	00255	06.05	34.750	27.37		1479.1							
	085	00266	04.27	34.490	27.37		1471.7							
	085	00276	04.14	34.502	27.40		1471.3							
	085	00279	04.75	34.620	27.42		1474.2							
	085	00283	04.88	34.620	27.41		1474.7							
	085	00287	04.60	34.600	27.43		1473.6							
	STO	00300	04.60	34.63	27.45	00.294	1473.8							
	085	00304	04.60	34.630	27.45		1473.9							
	085	00308	04.61	34.630	27.45		1474.0							
	085	00321	05.15	34.740	27.47		1476.6							
	085	00331	05.05	34.752	27.45		1476.5							
	085	00334	05.37	34.815	27.51		1477.9							
	085	00344	05.41	34.820	27.51		1478.1							
	085	00353	04.97	34.760	27.51		1476.3							
	085	00357	04.68	34.735	27.52		1475.2							
	085	00363	05.19	34.820	27.53		1477.5							
	STO	00400	04.51	34.81	27.56	00.357	1477.0							
	085	00401	04.90	34.813	27.56		1477.0							
	085	00474	05.00	34.843	27.57		1478.6							
	STO	00500	04.71	34.83	27.60	00.414	1477.8							
	085	00503	04.70	34.833	27.60		1477.8							
	085	00573	04.58	34.910	27.67		1478.6							
	STO	00600	04.50	34.91	27.68	00.466	1478.7							
	085	00605	04.49	34.910	27.68		1478.8							
	085	00665	04.76	34.950	27.68		1481.3							
	STO	00700	04.77	34.96	27.65	00.515	1481.6							
	085	00703	04.77	34.958	27.69		1481.6							
	085	00750	04.65	34.950	27.70		1481.9							
	STO	00800	04.49	34.97	27.73	00.563	1482.1							
	085	00801	04.49	34.970	27.73		1482.1							
	085	00850	04.42	34.957	27.73		1482.6							
	STO	00900	04.39	34.92	27.74	00.604	1482.0							
	085	00903	04.09	34.922	27.74		1482.0							
	085	00951	04.02	34.920	27.74		1482.6							
	STO	01000	04.02	34.92	27.74	00.654	1483.4							
	085	01007	04.02	34.923	27.74		1483.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O D C S T A T I O N O A T 4

REFID 31 8355	YEAR 1973	BOTDP 03475	AIR TEMP 05.0	DIR HGT PER	WIND-DIR 3c	INST STD RECORDER	TEM SO 130c
CONSEC 0041	MONTH 04	SHIP EV	WET BULB 04.2	06 1 5	WIND-SPD 02	TRACE DIR D	5 SQUARE 2
LAT 44 59 N	DAY 19	DATA USE 1	BAROMETER 1017.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 144 29 W	MOJA 17.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 22c	1 SQUARE 46

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	P04	TOT P	N02	NJ3	SI03	PH
17.0	STD	00000	03.11	33.33	26.57	00.000	1460.8							
	G85	00005	03.11	33.330	26.57		1460.9							
	STD	00010	02.98	33.34	26.58	00.015	1460.4							
	O85	00015	02.85	33.340	26.59		1460.1							
	STD	00020	02.86	33.34	26.60	00.025	1460.1							
	O85	00025	02.86	33.340	26.60		1460.1							
	STD	00030	02.82	33.34	26.60	00.044	1460.1							
	O85	00035	02.82	33.340	26.60		1460.1							
	STD	00050	02.81	33.35	26.61	00.073	1460.3							
	O85	00051	02.79	33.350	26.61		1460.3							
	STD	00075	02.24	33.38	26.68	00.108	1458.3							
	O85	00076	02.21	33.380	26.68		1458.2							
	O85	00083	02.30	33.705	26.53		1459.2							
	O85	00084	01.30	33.685	26.99		1454.8							
	O85	00095	01.25	33.680	26.99		1454.7							
	O85	00099	01.97	33.795	27.03		1458.1							
	STD	00100	01.50	33.76	27.04	00.130	1456.0							
	O85	00106	- 0.07	33.647	27.04		1448.9							
	O85	00114	01.44	33.793	27.07		1456.0							
	O85	00121	01.24	33.740	27.08		1455.5							
	STD	00125	01.43	33.85	27.11	00.163	1456.2							
	O85	00127	01.54	33.867	27.12		1456.8							
	O85	00129	01.38	33.865	27.13		1456.1							
	O85	00137	02.52	34.035	27.18		1461.5							
	O85	00142	02.43	34.060	27.21		1461.2							
	STD	00150	03.23	34.21	27.26	00.185	1464.9							
	O85	00150	03.23	34.210	27.26		1465.0							
	O85	00165	03.52	34.273	27.30		1465.7							
	O85	00171	03.66	34.382	27.35		1467.4							
	O85	00175	03.71	34.383	27.35		1467.7							
	O85	00194	03.80	34.423	27.37		1468.4							
	O85	00196	04.11	34.475	27.38		1469.8							
	STD	00200	04.09	34.47	27.38	00.224	1469.8							
	O85	00207	04.04	34.464	27.38		1469.7							
	O85	00226	03.75	34.470	27.41		1469.0							
	STD	00250	03.77	34.54	27.47	00.259	1469.4							
	O85	00255	03.76	34.543	27.47		1469.4							
	O85	00264	03.50	34.535	27.49		1466.5							
	O85	00276	03.83	34.610	27.52		1470.2							
	O85	00281	03.77	34.619	27.53		1470.0							
	STD	00300	04.02	34.70	27.57	00.285	1471.5							
	O85	00300	04.03	34.707	27.57		1471.5							
	O85	00350	04.27	34.744	27.58		1473.4							
	STD	00400	04.36	34.81	27.62	00.345	1474.7							
	O85	00401	04.36	34.810	27.62		1474.7							
	O85	00451	04.33	34.810	27.62		1475.4							
	STD	00500	04.35	34.85	27.63	00.395	1476.3							
	O85	00503	04.35	34.830	27.64		1476.3							
	O85	00550	04.20	34.910	27.71		1476.6							
	STD	00600	04.31	34.93	27.72	00.443	1478.0							
	O85	00601	04.31	34.930	27.72		1478.0							
	O85	00651	04.27	34.930	27.72		1478.6							
	STD	00700	04.24	34.94	27.73	00.488	1479.3							
	O85	00700	04.24	34.940	27.73		1479.3							
	O85	00753	04.13	34.930	27.74		1479.7							
	STD	00800	04.08	34.94	27.75	00.531	1480.3							
	O85	00801	04.08	34.940	27.75		1480.4							
	O85	00853	04.10	34.950	27.76		1481.3							
	STD	00900	03.62	34.93	27.76	00.575	1481.3							
	O85	00900	03.62	34.925	27.76		1481.3							
	O85	00951	03.66	34.925	27.76		1481.9							
	STD	01000	03.82	34.92	27.76	00.618	1482.6							
	O85	01016	03.81	34.920	27.76		1482.8							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 03475	AIR TEMP 03.9	DIR MGT PER	WIND-DIR 31	INST STO RECORDER	TEN SD 1306
CONSEC 0042	MONTH 04	SHIP EV	WET BULB 03.8	25 2 4	WIND-SPO 06	TRACE DIR	5 SQUARE 4
LAT 45 11.5N	DAY 15	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 48 0	MOJA 20.6	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG D11 227	1 SQUARE 56

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTM	SNO VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	03.18	33.37	26.59	00.000	1461.2							
20.6	085	00005	03.18	33.373	26.59		1461.3							
	085	00009	03.15	33.360	26.59		1461.2							
	STO	00010	03.14	33.36	26.59	00.015	1461.2							
	085	00014	03.12	33.360	26.59		1461.1							
	STO	00020	03.02	33.38	26.61	00.029	1460.8							
	085	00020	03.01	33.377	26.61		1460.8							
	STO	00030	03.02	33.37	26.61	00.043	1461.0							
	085	00030	03.02	33.372	26.61		1461.0							
	STO	00050	02.83	33.37	26.62	00.072	1460.5							
	085	00053	02.81	33.365	26.62		1460.4							
	085	00074	02.77	33.497	26.73		1460.8							
	STO	00075	02.66	33.51	26.75	00.106	1460.4							
	085	00075	02.21	33.570	26.83		1460.5							
	STO	00100	01.65	33.75	27.02	00.136	1456.7							
	085	00100	01.63	33.755	27.02		1456.6							
	085	00104	01.68	33.782	27.04		1456.9							
	085	00110	01.89	33.797	27.04		1457.9							
	085	00112	01.66	33.775	27.04		1456.9							
	085	00118	01.52	33.900	27.15		1456.6							
	STO	00125	02.15	34.04	27.21	00.160	1459.7							
	085	00125	02.20	34.050	27.22		1459.9							
	085	00137	03.03	34.315	27.36		1464.1							
	085	00140	04.04	34.433	27.35		1468.6							
	085	00146	04.30	34.450	27.34		1465.8							
	STO	00150	04.24	34.45	27.34	00.180	1465.6							
	085	00156	04.18	34.440	27.34		1465.4							
	085	00171	04.36	34.540	27.40		1470.6							
	085	00175	04.76	34.600	27.41		1472.4							
	085	00186	04.04	34.490	27.40		1469.4							
	085	00192	04.18	34.517	27.41		1470.1							
	085	00198	03.87	34.475	27.40		1468.9							
	STO	00200	03.55	34.47	27.39	00.217	1469.2							
	085	00201	04.01	34.473	27.39		1469.5							
	085	00209	04.02	34.484	27.40		1469.7							
	085	00213	03.85	34.486	27.41		1465.0							
	085	00226	04.17	34.580	27.46		1470.8							
	085	00230	04.45	34.615	27.45		1472.0							
	STO	00250	04.36	34.62	27.47	00.251	1471.9							
	085	00251	04.35	34.620	27.47		1471.9							
	085	00276	04.53	34.756	27.56		1473.3							
	STO	00300	04.56	34.76	27.56	00.282	1473.8							
	085	00300	04.56	34.760	27.56		1473.8							
	085	00350	04.64	34.660	27.63		1475.1							
	085	00354	04.99	34.920	27.63		1476.7							
	STO	00400	05.03	34.96	27.66	00.335	1477.7							
	085	00401	05.03	34.960	27.66		1477.7							
	085	00451	04.91	34.960	27.68		1476.0							
	STO	00500	04.85	34.95	27.68	00.364	1476.5							
	085	00500	04.85	34.950	27.68		1478.5							
	085	00550	04.70	34.945	27.69		1478.8							
	STO	00600	04.63	34.94	27.69	00.432	1479.3							
	085	00601	04.63	34.940	27.69		1479.3							
	085	00651	04.45	34.953	27.72		1479.4							
	STO	00700	04.39	34.96	27.73	00.478	1480.0							
	085	00702	04.39	34.960	27.73		1480.0							
	085	00750	04.31	34.960	27.74		1480.5							
	STO	00800	04.24	34.95	27.74	00.523	1481.0							
	085	00801	04.24	34.950	27.74		1481.0							
	085	00850	04.15	34.950	27.75		1481.4							
	STO	00900	04.07	34.94	27.75	00.567	1482.0							
	085	00900	04.07	34.935	27.75		1482.0							
	085	00951	03.95	34.940	27.77		1482.3							
	STO	01000	03.96	34.94	27.77	00.611	1483.2							
	085	01007	03.97	34.942	27.76		1483.3							

TABLE 1. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTOP 02103	AIR TEMP 04.4	OIR HGT PER	WIND-OIR 24	INST STD RECORDER	TEN SQ 1.06
CONSEC 0043	MONTH 04	SHIP EV	WET BULB 03.9	06 0 X	WIND-SPD 06	TRACE OIR	5 SQUARE 4
LAT 45 19 N	DAY 19	DATA USE 1	BAROMETR 1016.3	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 12 W	MOUR 18.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG 011 228	1 SQUARE 57

CASSTNUN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P34	TGT P	NO2	NO3	S103	PM
18.4	STC	00000	04.25	33.53	26.62	00.000	1465.9							
	OBS	00001	04.25	33.535	26.62		1466.0							
	STC	00010	04.29	33.55	26.63	00.014	1466.3							
	OBS	00011	04.30	33.555	26.63		1466.4							
	STC	00020	04.35	33.58	26.64	00.028	1466.8							
	OBS	00020	04.36	33.580	26.64		1466.8							
	STC	00030	04.22	33.58	26.66	00.042	1466.3							
	OBS	00030	04.21	33.580	26.66		1466.3							
	STC	00050	04.23	33.58	26.66	00.070	1466.7							
	OBS	00051	04.23	33.580	26.66		1466.8							
	OBS	00064	03.87	33.835	26.90		1465.8							
	OBS	00066	04.12	34.063	27.05		1467.2							
	OBS	00070	05.05	34.215	27.07		1471.3							
	OBS	00074	05.41	34.280	27.08		1473.0							
	STC	00075	05.44	34.28	27.08	00.100	1473.1							
	OBS	00076	05.48	34.290	27.08		1473.3							
	OBS	00079	05.55	34.375	27.14		1473.7							
	OBS	00083	06.04	34.457	27.14		1475.9							
	STC	00100	06.05	34.49	27.16	00.125	1476.3							
	OBS	00102	06.07	34.490	27.16		1476.4							
	OBS	00112	06.16	34.480	27.14		1476.9							
	STC	00125	05.75	34.48	27.20	00.147	1475.5							
	OBS	00129	05.67	34.486	27.21		1475.2							
	OBS	00146	05.66	34.600	27.30		1475.6							
	STC	00150	05.62	34.62	27.29	00.165	1476.5							
	OBS	00150	05.86	34.620	27.29		1476.5							
	OBS	00175	05.69	34.615	27.31		1476.2							
	STC	00200	05.59	34.65	27.35	00.208	1476.2							
	OBS	00201	05.58	34.665	27.36		1476.3							
	OBS	00222	06.14	34.853	27.44		1475.1							
	OBS	00236	05.79	34.808	27.45		1477.9							
	OBS	00239	05.83	34.820	27.45		1476.1							
	OBS	00247	05.40	34.745	27.45		1476.6							
	STC	00250	05.52	34.80	27.48	00.243	1477.0							
	OBS	00251	05.56	34.820	27.49		1477.2							
	OBS	00256	05.54	34.810	27.48		1477.2							
	OBS	00270	05.13	34.750	27.48		1475.7							
	OBS	00277	05.02	34.750	27.50		1475.3							
	STC	00300	04.96	34.76	27.51	00.275	1475.5							
	OBS	00300	04.96	34.765	27.51		1475.5							
	OBS	00325	04.76	34.760	27.53		1475.1							
	OBS	00340	05.04	34.810	27.54		1476.5							
	OBS	00354	05.27	34.640	27.54		1477.7							
	STC	00400	04.96	34.83	27.57	00.334	1477.2							
	OBS	00401	04.95	34.830	27.57		1477.2							
	OBS	00451	04.87	34.940	27.66		1477.8							
	STC	00500	04.78	34.65	27.68	00.367	1478.3							
	OBS	00500	04.78	34.950	27.68		1478.3							
	OBS	00550	04.62	34.650	27.70		1478.4							
	STC	00600	04.53	34.65	27.71	00.434	1478.9							
	OBS	00601	04.53	34.650	27.71		1478.5							
	OBS	00652	04.37	34.637	27.72		1475.1							
	STC	00700	04.26	34.94	27.73	00.479	1479.5							
	OBS	00700	04.28	34.940	27.73		1479.5							
	OBS	00750	04.19	34.930	27.73		1475.5							
	STC	00800	04.06	34.92	27.74	00.524	1480.2							
	OBS	00801	04.06	34.920	27.74		1480.2							
	OBS	00850	03.98	34.910	27.74		1480.7							
	STC	00900	03.96	34.92	27.75	00.568	1481.5							
	OBS	00900	03.96	34.920	27.75		1481.5							
	OBS	00953	03.55	34.920	27.75		1482.3							
	STC	01000	03.93	34.92	27.75	00.613	1483.0							
	OBS	01007	03.93	34.920	27.75		1483.1							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOGTOP 02155	AIR TEMP 01.3	OIR MGT PER	WIND-OIR 25	INST STU RECORDER	TEN SD 1306
CONSEC 0044	MONTH 04	SHIP EV	WET BULB 00.7		WIND-SPO 12	TRACE OIR	5 SQUARE 4
LAT 45 32 N	DAY 20	DATA USE 1	BAROMETR 1017.4	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 20 W	HOOR 01.8	AREA 05	CLOUD T/A	CL/TR	WEATHER XO	ORIG 011 229	1 SQUARE 57

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
01.8	STO	00000	01.02	33.17	26.60	00.000	1451.4							
	OBS	00003	01.02	33.173	26.60		1451.5							
	STO	00010	01.03	33.18	26.60	00.014	1451.6							
	OBS	00011	01.03	33.178	26.60		1451.6							
	OBS	00015	01.02	33.170	26.60		1451.6							
	OBS	00017	00.77	33.170	26.61		1450.5							
	OBS	00019	00.74	33.160	26.61		1450.4							
	STO	00020	00.73	33.17	26.61	00.025	1450.4							
	OBS	00020	00.72	33.180	26.62		1450.4							
	STO	00030	00.55	33.25	26.67	00.043	1451.7							
	OBS	00034	01.04	33.274	26.68		1452.2							
	OBS	00049	01.22	33.300	26.69		1453.3							
	STO	00050	01.20	33.30	26.69	00.070	1453.2							
	OBS	00053	01.05	33.353	26.77		1452.7							
	OBS	00055	00.66	33.505	26.85		1451.1							
	OBS	00064	01.60	33.723	27.01		1455.8							
	STO	00075	01.31	33.82	27.10	00.100	1454.8							
	OBS	00076	01.28	33.850	27.13		1454.7							
	OBS	00078	01.31	33.915	27.18		1455.0							
	OBS	00079	01.76	34.010	27.22		1457.2							
	OBS	00083	02.66	34.105	27.22		1461.3							
	OBS	00091	04.28	34.343	27.26		1468.7							
	STO	00100	04.31	34.34	27.25	00.122	1468.9							
	OBS	00100	04.31	34.340	27.25		1468.9							
	OBS	00102	04.30	34.347	27.26		1468.9							
	OBS	00110	05.57	34.545	27.27		1474.6							
	STO	00125	05.63	34.59	27.30	00.143	1475.1							
	OBS	00125	05.63	34.590	27.30		1475.1							
	STO	00150	05.49	34.65	27.36	00.162	1475.0							
	OBS	00150	05.45	34.655	27.37		1475.0							
	OBS	00175	05.41	34.683	27.40		1475.2							
	STO	00200	05.50	34.81	27.45	00.196	1476.1							
	OBS	00201	05.51	34.813	27.49		1476.2							
	OBS	00226	05.05	34.780	27.52		1474.7							
	OBS	00243	05.00	34.800	27.54		1474.8							
	STO	00250	04.74	34.79	27.56	00.226	1473.8							
	OBS	00258	04.57	34.785	27.58		1473.2							
	OBS	00268	04.66	34.840	27.61		1473.8							
	OBS	00277	04.43	34.815	27.61		1473.0							
	OBS	00255	04.58	34.880	27.60		1475.6							
	STO	00300	05.01	34.88	27.60	00.254	1475.8							
	OBS	00300	05.01	34.880	27.60		1475.8							
	OBS	00350	04.65	34.910	27.64		1476.2							
	STO	00400	04.72	34.89	27.64	00.306	1476.3							
	OBS	00403	04.71	34.887	27.64		1476.3							
	OBS	00458	04.68	34.910	27.66		1477.1							
	STO	00500	04.54	34.91	27.68	00.355	1477.2							
	OBS	00502	04.53	34.910	27.68		1477.2							
	OBS	00550	04.43	34.900	27.68		1477.6							
	STO	00600	04.32	34.91	27.70	00.402	1476.0							
	OBS	00618	04.27	34.910	27.71		1478.1							
	OBS	00651	04.17	34.900	27.71		1478.2							
	STO	00700	04.07	34.90	27.72	00.448	1478.6							
	OBS	00700	04.07	34.900	27.72		1478.6							
	OBS	00750	04.02	34.900	27.73		1475.2							
	STO	00800	04.04	34.85	27.72	00.454	1480.1							
	OBS	00814	04.05	34.850	27.72		1480.4							
	OBS	00850	03.94	34.895	27.73		1480.5							
	STO	00900	03.87	34.91	27.75	00.540	1481.1							
	OBS	00900	03.87	34.910	27.75		1481.1							
	OBS	00951	03.82	34.905	27.75		1481.7							
	STO	01000	03.77	34.90	27.75	00.584	1482.3							
	OBS	01010	03.76	34.900	27.75		1482.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YE43 1973	80TOP 01350	AIR TEMP 00.0	DIR MGT PER	WIND-DIR 34	INST STO RECORDER	TEN SQ 1306
CONSEC 0345	MONTH 04	SHIP EV	WET BULB 00.0		WIND-SPO 06	TRACE DIR 0	5 SQUARE 4
LAT 45 41.5N	DAY 20	DATA USE 1	BAROMETR 1017.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 45 W	MOUR 04.3	AREA 05	CLOUD T/A	CL/TR	WEATHER K4	ORIG 011 230	1 SQUARE 57

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
04.3	STO	00000	00.33	33.10	26.58	00.000	1448.2							
	085	00003	00.33	33.105	26.58		1448.2							
	STO	00010	00.33	33.11	26.59	00.015	1448.5							
	085	00011	00.33	33.110	26.59		1448.4							
	085	00017	00.27	33.060	26.55		1448.1							
	STO	00020	00.33	33.06	26.57	00.029	1447.1							
	085	00020	- 0.03	33.060	26.58		1446.8							
	STO	00030	- 0.23	33.11	26.61	00.044	1446.1							
	085	00030	- 0.25	33.110	26.62		1446.0							
	085	00036	- 0.59	33.180	26.69		1444.6							
	085	00038	- 0.79	33.208	26.72		1443.8							
	STO	00050	- 1.09	33.25	26.76	00.071	1442.6							
	085	00051	- 1.14	33.290	26.79		1442.5							
	085	00053	- 1.22	33.362	26.85		1442.2							
	085	00066	- 0.97	33.507	26.96		1443.8							
	STO	00075	- 1.02	33.60	27.04	00.100	1443.8							
	085	00076	- 1.03	33.610	27.05		1443.8							
	STO	00100	- 0.27	33.65	27.21	00.124	1448.1							
	085	00100	- 0.24	33.860	27.22		1448.3							
	STO	00125	00.57	34.13	27.40	00.143	1452.8							
	085	00125	00.59	34.140	27.40		1452.9							
	085	00129	00.70	34.187	27.43		1453.5							
	085	00133	00.97	34.220	27.44		1454.8							
	085	00142	01.15	34.300	27.49		1455.9							
	STO	00150	01.53	34.32	27.49	00.159	1457.7							
	085	00152	01.63	34.330	27.49		1458.2							
	085	00175	02.03	34.460	27.56		1460.5							
	STO	00200	02.50	34.56	27.60	00.188	1463.1							
	085	00201	02.51	34.560	27.60		1463.2							
	085	00213	02.48	34.550	27.59		1463.3							
	085	00218	02.22	34.510	27.58		1462.2							
	085	00226	02.13	34.543	27.62		1461.9							
	STO	00250	02.36	34.57	27.62	00.213	1463.5							
	085	00257	02.47	34.595	27.63		1464.0							
	085	00276	02.75	34.680	27.67		1465.6							
	STO	00300	03.04	34.68	27.65	00.237	1467.3							
	085	00302	03.06	34.685	27.65		1467.5							
	085	00306	03.13	34.730	27.68		1467.6							
	085	00352	03.65	34.620	27.70		1470.9							
	STO	00400	04.04	34.88	27.71	00.282	1473.5							
	085	00401	04.05	34.880	27.71		1473.5							
	085	00451	04.14	34.880	27.70		1474.7							
	STO	00500	04.13	34.90	27.71	00.326	1475.5							
	085	00500	04.13	34.900	27.71		1475.5							
	085	00550	04.09	34.500	27.72		1476.2							
	STO	00600	04.07	34.90	27.72	00.370	1476.9							
	085	00603	04.07	34.900	27.72		1477.0							
	085	00651	04.00	34.900	27.73		1477.5							
	STO	00700	03.93	34.91	27.74	00.414	1478.0							
	085	00700	03.93	34.910	27.74		1478.0							
	085	00750	03.87	34.900	27.74		1478.6							
	STO	00800	03.84	34.90	27.74	00.457	1479.3							
	085	00801	03.84	34.900	27.74		1479.3							
	085	00850	03.80	34.900	27.75		1480.0							
	STO	00900	03.79	34.90	27.75	00.501	1480.7							
	085	00902	03.79	34.900	27.75		1480.8							
	085	00951	03.78	34.900	27.75		1481.6							
	STO	01000	03.76	34.90	27.75	00.545	1482.3							
	085	01005	03.76	34.900	27.75		1482.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	DOTOP	AIR TEMP -01.2	DIR MGT PER	WIND-UIR 31	INST STO RECORDER	TEN SQ 1306
CONSEC 0040	MONTH 04	SHIP EV	WET BULB -01.4	00 0 0	WIND-SPD 10	TRACE DIR D	5 SQUARE 4
LAT 45 45.5N	DAY 20	DATA USE 1	BAROMETR 1016.8	SEA	WIND-FOR	DURATION	2 SQUARE 42
LONG 147 57.5W	HOOR 01.4	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIG 011 231	1 SQUARE 57

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYC	P04	TOT P	NO2	NO3	S103	PH
01.4	STO	00000	- 0.55	33.32	26.81	00.000	1442.6							
	OBS	00003	- 0.95	33.320	26.81		1442.6							
	STO	00010	- 0.96	33.32	26.81	00.012	1442.7							
	OBS	00011	- 0.96	33.315	26.81		1442.7							
	STO	00020	- 1.03	33.30	26.80	00.025	1442.5							
	OBS	00020	- 1.03	33.303	26.80		1442.5							
	OBS	00028	- 1.01	33.257	26.80		1442.7							
	STO	00030	- 1.07	33.31	26.81	00.037	1442.5							
	OBS	00030	- 1.05	33.313	26.81		1442.4							
	OBS	00038	- 1.09	33.320	26.82		1442.5							
	STO	00050	- 1.23	33.43	26.91	00.061	1442.2							
	OBS	00051	- 1.25	33.445	26.92		1442.2							
	OBS	00068	- 1.42	33.510	26.98		1441.6							
	STO	00075	- 1.38	33.51	26.98	00.089	1442.1							
	OBS	00076	- 1.37	33.513	26.98		1442.1							
	STO	00100	- 0.95	33.63	27.06	00.115	1444.6							
	OBS	00100	- 0.94	33.637	27.07		1444.7							
	STO	00125	- 0.79	33.79	27.18	00.139	1446.3							
	OBS	00125	- 0.79	33.750	27.19		1446.0							
	STO	00150	- 0.56	33.79	27.18	00.161	1447.5							
	OBS	00150	- 0.55	33.750	27.18		1447.6							
	OBS	00175	- 0.16	33.550	27.32		1450.0							
	OBS	00176	00.35	34.330	27.30		1452.5							
	OBS	00182	00.57	34.000	27.29		1453.5							
	OBS	00188	00.89	34.100	27.35		1455.2							
	STO	00200	01.23	34.14	27.36	00.202	1457.0							
	OBS	00205	01.42	34.177	27.58		1458.0							
	OBS	00207	01.23	34.190	27.40		1457.2							
	OBS	00218	01.57	34.340	27.50		1459.1							
	OBS	00222	02.20	34.433	27.52		1462.0							
	OBS	00228	02.46	34.455	27.52		1463.3							
	STO	00250	02.74	34.47	27.51	00.235	1464.9							
	OBS	00251	02.76	34.470	27.51		1465.0							
	OBS	00257	02.56	34.470	27.52		1464.2							
	OBS	00260	01.78	34.430	27.55		1463.8							
	OBS	00276	01.79	34.480	27.59		1461.2							
	STO	00300	01.64	34.45	27.55	00.263	1462.2							
	OBS	00300	01.95	34.450	27.59		1462.3							
	OBS	00314	02.27	34.550	27.61		1464.0							
	OBS	00331	03.41	34.670	27.60		1469.4							
	OBS	00350	03.29	34.670	27.62		1465.2							
	STO	00400	03.91	34.82	27.68	00.312	1472.8							
	OBS	00401	03.62	34.825	27.68		1472.9							
	OBS	00453	04.13	34.890	27.71		1474.7							
	STO	00500	04.16	34.51	27.72	00.358	1475.7							
	OBS	00500	04.18	34.510	27.72		1475.7							
	OBS	00550	04.17	34.887	27.70		1476.5							
	STO	00600	04.17	34.89	27.70	00.403	1477.3							
	OBS	00601	04.17	34.850	27.70		1477.3							
	OBS	00651	04.13	34.500	27.71		1476.0							
	STO	00700	04.11	34.50	27.72	00.449	1478.7							
	OBS	00700	04.11	34.500	27.72		1478.8							
	OBS	00702	04.11	34.500	27.72		1478.8							
	STO	00800	03.95	34.50	27.73	00.494	1475.7							
	OBS	00823	03.92	34.500	27.74		1480.0							
	OBS	00850	03.85	34.500	27.74		1480.0							
	STO	00900	03.86	34.50	27.74	00.535	1481.0							
	OBS	00900	03.86	34.500	27.74		1481.0							
	OBS	00950	03.83	34.500	27.75		1481.7							
	STO	01000	03.80	34.50	27.75	00.584	1482.4							
	OBS	01000	03.80	34.900	27.75		1482.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N D O C S T A T I O N O A T A

REFID 3A 8355	YEAR 1973	ROTOP	AIR TEMP -01.5	OIR HGT PER	WIND-OIR 01	INST STO RECOROER	TEN 50 1506
CONSEL 0047	MONTH 04	SHIP EV	WET BULB -01.5	00 0 0	WIND-SPO 05	TRACE OIR	5 SQUARE 4
LAT 45 46.5N	DAY 20	DATA USE 1	BAROMETER 1016.3	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 147 55.5W	MOJUR 07.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 232	1 SQUARE 57

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
07.6	STO	00000	- 0.77	33.16	26.66	00.000	1443.2							
	OBS	00001	- 0.77	33.160	26.68		1443.2							
	STO	00010	- 0.74	33.17	26.68	00.014	1443.5							
	OBS	00011	- 0.72	33.170	26.68		1443.6							
	OBS	00019	- 0.50	33.205	26.77		1444.9							
	STO	00320	- 0.55	33.29	26.77	00.027	1444.7							
	OBS	00322	- 0.68	33.290	26.78		1444.2							
	STO	00630	- 0.95	33.32	26.81	00.040	1443.1							
	OBS	00630	- 0.96	33.320	26.81		1443.0							
	OBS	00640	- 1.13	33.295	26.80		1442.3							
	OBS	00645	- 1.54	33.300	26.81		1440.5							
	STO	00650	- 1.49	33.38	26.88	00.064	1440.9							
	OBS	00651	- 1.47	33.405	26.89		1441.1							
	STO	00675	- 1.13	33.43	26.90	00.053	1443.1							
	OBS	00676	- 1.13	33.430	26.91		1443.1							
	STO	00130	- 1.36	33.52	26.98	00.121	1442.6							
	OBS	00130	- 1.37	33.520	26.99		1442.5							
	STO	00125	- 0.97	33.65	27.08	00.147	1445.0							
	OBS	00127	- 0.94	33.655	27.09		1445.2							
	STO	00150	- 0.77	33.76	27.16	00.170	1446.5							
	OBS	00150	- 0.77	33.760	27.16		1446.5							
	OBS	00167	- 0.64	33.795	27.18		1447.4							
	OBS	00178	- 0.13	33.840	27.20		1450.0							
	STO	00200	00.32	34.01	27.32	00.212	1452.7							
	OBS	00203	00.37	34.037	27.33		1453.0							
	OBS	00226	00.48	34.130	27.40		1454.0							
	STO	00250	00.85	34.20	27.44	00.248	1456.2							
	OBS	00251	00.87	34.208	27.44		1456.3							
	OBS	00276	01.27	34.340	27.52		1458.7							
	STO	00300	01.60	34.35	27.50	00.275	1460.6							
	OBS	00300	01.61	34.353	27.50		1460.6							
	OBS	00352	02.10	34.450	27.58		1463.8							
	STO	00400	02.67	34.64	27.65	00.333	1467.3							
	OBS	00435	02.73	34.650	27.65		1467.7							
	OBS	00451	03.17	34.690	27.64		1470.4							
	OBS	00469	03.41	34.750	27.70		1472.1							
	OBS	00473	03.67	34.820	27.70		1473.4							
	STO	00500	03.76	34.82	27.69	00.380	1473.8							
	OBS	00502	03.79	34.820	27.69		1474.0							
	OBS	00512	03.50	34.830	27.68		1474.7							
	OBS	00521	03.50	34.840	27.69		1474.8							
	OBS	00550	04.00	34.870	27.70		1475.8							
	STO	00600	04.16	34.89	27.70	00.426	1477.3							
	OBS	00600	04.16	34.890	27.70		1477.3							
	OBS	00650	04.14	34.900	27.71		1478.0							
	STO	00700	04.21	34.90	27.72	00.472	1478.7							
	OBS	00700	04.21	34.900	27.72		1478.7							
	OBS	00750	04.04	34.900	27.72		1479.3							
	STO	00800	03.95	34.90	27.73	00.517	1479.7							
	OBS	00800	03.95	34.900	27.73		1479.7							
	OBS	00823	03.92	34.900	27.74		1480.0							
	OBS	00850	03.89	34.900	27.74		1480.3							
	STO	00900	03.86	34.90	27.74	00.562	1481.0							
	OBS	00900	03.86	34.900	27.74		1481.0							
	OBS	00950	03.83	34.900	27.75		1481.7							
	STO	01000	03.80	34.90	27.75	00.607	1482.4							
	OBS	01000	03.80	34.900	27.75		1482.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOCL STATION DATA

REFID 31 8355	YEAR 1973	80TOP	AIR TEMP -01.0	OIR HGT PER	WIND-OIR 04	INST STD RECORDER	TEN 50 1306
CONSEC 0048	MONTH 04	SHIP EV	WET BULB -01.0	07 0 3	WIND-SPO 10	TRACE OIR 0	5 SQUARE 4
LAT 45 50.5N	DAY 20	DATA USE 1	SAROMETR 1016.7	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 09 W	MOJR 08.5	AREA 05	CLOUD 1/4	CL/TA	WEATHER K4	ORIG 011 233	1 SQUARE 56

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P34	TOT P	MO2	NG3	SI03	PH
08.9	STD	00000	- 0.57	33.08	26.62	00.000	1442.1							
	OBS	00001	- 0.97	33.080	26.62		1442.2							
	STD	00010	- 0.58	33.12	26.66	00.014	1442.3							
	OBS	00011	- 0.58	33.132	26.66		1442.3							
	STD	00020	- 1.21	33.17	26.70	00.028	1441.4							
	OBS	00020	- 1.23	33.175	26.70		1441.4							
	STD	00030	- 1.25	33.18	26.71	00.041	1441.3							
	OBS	00030	- 1.25	33.176	26.71		1441.3							
	STD	00050	- 1.55	33.27	26.75	00.067	1440.5							
	OBS	00051	- 1.57	33.280	26.80		1440.4							
	OBS	00064	- 1.70	33.315	26.83		1440.1							
	STD	00075	- 1.63	33.39	26.85	00.098	1440.7							
	OBS	00076	- 1.62	33.400	26.90		1440.8							
	STD	00100	- 1.54	33.43	26.92	00.126	1441.6							
	OBS	00100	- 1.54	33.427	26.92		1441.6							
	STD	00125	- 1.54	33.42	26.91	00.155	1442.0							
	OBS	00125	- 1.54	33.420	26.91		1442.0							
	OBS	00133	- 1.55	33.423	26.91		1442.1							
	OBS	00148	- 1.55	33.440	26.93		1442.4							
	STD	00150	- 1.30	33.50	26.97	00.183	1443.6							
	OBS	00150	- 1.30	33.500	26.97		1443.6							
	OBS	00175	- 0.85	33.540	26.99		1446.0							
	STD	00200	- 0.20	33.64	27.04	00.236	1449.8							
	OBS	00200	- 0.20	33.640	27.04		1449.8							
	OBS	00225	00.24	33.720	27.08		1452.3							
	STD	00250	00.50	33.63	27.16	00.284	1454.1							
	OBS	00250	00.50	33.830	27.16		1454.1							
	OBS	00275	00.75	33.980	27.26		1455.8							
	STD	00300	00.85	34.12	27.37	00.325	1456.9							
	OBS	00300	00.85	34.120	27.37		1456.9							
	OBS	00350	01.90	34.350	27.48		1462.7							
	STD	00400	02.50	34.57	27.61	00.387	1466.0							
	OBS	00400	02.50	34.570	27.61		1466.5							
	OBS	00450	03.00	34.700	27.67		1469.6							
	STD	00500	03.73	34.82	27.69	00.435	1473.7							
	OBS	00500	03.73	34.820	27.69		1473.7							
	OBS	00521	03.90	34.840	27.69		1474.8							
	OBS	00550	04.00	34.870	27.70		1475.8							
	STD	00600	04.16	34.89	27.70	00.481	1477.3							
	OBS	00600	04.16	34.890	27.70		1477.3							
	OBS	00650	04.14	34.900	27.71		1478.0							
	STD	00700	04.11	34.90	27.72	00.527	1478.7							
	OBS	00700	04.11	34.900	27.72		1478.7							
	OBS	00750	04.04	34.900	27.72		1479.3							
	STD	00800	03.95	34.90	27.73	00.572	1479.7							
	OBS	00800	03.95	34.900	27.73		1479.7							
	OBS	00823	03.92	34.900	27.74		1480.0							
	OBS	00850	03.69	34.900	27.74		1480.3							
	STD	00900	03.66	34.90	27.74	00.617	1481.0							
	OBS	00900	03.66	34.900	27.74		1481.0							
	OBS	00950	03.83	34.900	27.75		1481.7							
	STD	01000	03.80	34.90	27.75	00.662	1482.4							
	OBS	01000	03.80	34.900	27.75		1482.4							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BDTOP	AIR TEMP -01.0	DIR MGT PER	WIND-DIR 04	INST STD RECORDER	TEN SQ 1306
CONSEC 0049	MONTH 04	SHIP EV	WET BULB -01.0	D7 0 3	WIND-SPD 10	TRACE DIR 0	5 SQUARE 4
LAT 45 53 N	DAY 23	DATA USE 1	BARDMETR 1017.0	SEA	WIND-FDR	DURATION	2 SQUARE 48
LONG 3-8 14 "	MOUR 05.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 234	1 SQUARE 58

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.02	32.77	26.37	00.000	1441.5							
05.8	085	00000	- 1.02	32.770	26.37		1441.5							
	STD	00010	- 1.02	32.94	26.51	00.016	1441.9							
	085	00010	- 1.02	32.940	26.51		1441.9							
	085	00015	- 1.06	32.950	26.52		1441.8							
	085	00018	- 1.15	32.990	26.55		1441.3							
	STD	00020	- 1.19	32.99	26.55	00.031	1441.3							
	085	00020	- 1.19	32.990	26.55		1441.3							
	STD	00030	- 1.18	33.00	26.56	00.046	1441.5							
	085	00030	- 1.18	33.003	26.56		1441.5							
	085	00045	- 1.21	33.053	26.60		1441.7							
	STD	00050	- 1.43	33.10	26.65	00.075	1440.6							
	085	00050	- 1.43	33.100	26.65		1440.8							
	085	00060	- 1.57	33.200	26.73		1440.5							
	STD	00075	- 1.57	33.24	26.77	00.108	1440.6							
	085	00075	- 1.57	33.240	26.77		1440.8							
	STD	00085	- 1.57	33.240	26.77		1441.1							
	STD	00100	- 1.56	33.25	26.77	00.140	1441.2							
	085	00104	- 1.56	33.250	26.77		1441.3							
	STD	00125	- 1.56	33.38	26.88	33.171	1441.6							
	085	00125	- 1.56	33.380	26.88		1441.6							
	085	00148	- 1.55	33.440	26.93		1442.4							
	STD	00150	- 1.33	33.50	26.97	00.155	1443.6							
	085	00150	- 1.50	33.500	26.97		1443.6							
	085	00175	- 0.85	33.540	26.95		1446.0							
	STD	00200	- 0.20	33.64	27.04	00.252	1449.6							
	085	00200	- 0.20	33.640	27.04		1449.8							
	085	00225	00.24	33.720	27.08		1452.3							
	STD	00250	00.50	33.85	27.16	00.301	1454.1							
	085	00250	00.50	33.830	27.16		1454.1							
	085	00275	00.75	33.980	27.26		1455.8							
	STD	00300	00.85	34.12	27.37	00.342	1456.9							
	085	00300	00.85	34.120	27.37		1456.9							
	085	00350	01.90	34.350	27.48		1462.7							
	STD	00400	02.50	34.57	27.61	00.403	1466.5							
	085	00400	02.50	34.570	27.61		1466.5							
	085	00450	03.00	34.700	27.67		1469.6							
	STD	00500	03.75	34.82	27.69	00.452	1473.7							
	085	00500	03.73	34.820	27.69		1473.7							
	085	00521	03.90	34.840	27.69		1476.8							
	085	00550	04.00	34.870	27.70		1475.8							
	STD	00600	04.16	34.89	27.70	00.498	1477.3							
	085	00600	04.16	34.890	27.70		1477.3							
	085	00650	04.14	34.900	27.71		1478.0							
	STD	00700	04.11	34.90	27.72	00.544	1478.7							
	085	00700	04.11	34.900	27.72		1478.7							
	085	00750	04.04	34.900	27.72		1479.3							
	STD	00800	03.95	34.90	27.73	00.585	1479.7							
	085	00800	03.95	34.900	27.73		1479.7							
	085	00823	03.92	34.900	27.74		1480.0							
	085	00850	03.85	34.900	27.74		1480.3							
	STD	00900	03.66	34.90	27.74	00.634	1481.0							
	085	00900	03.86	34.900	27.74		1481.0							
	085	00950	03.83	34.900	27.75		1481.7							
	STD	01000	03.80	34.90	27.75	00.678	1482.4							
	085	01000	03.80	34.900	27.75		1482.4							

REFID 31 8355	YEAR 1973	BDTOP 00171	AIR TEMP 05.0	DIR MGT PER	WIND-DIR 00	INST STD RECORDER	TEN SQ 1306
CONSEC 0050	MONTH 04	SHIP EV	WET BULB 05.0	DO 0 0	WIND-SPD 00	TRACE DIR 0	5 SQUARE 4
LAT 46 21.5N	DAY 20	DATA USE 1	BARDMETR 1016.2	SEA	WIND-FDR	DURATION	2 SQUARE 66
LONG 3-7 36.0W	MOUR 14.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X7	DRIG 011 235	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.26	32.92	26.50	00.000	1445.5							
14.8	085	00000	- 1.26	32.920	26.50		1440.6							
	STD	00010	- 1.22	32.95	26.52	00.015	1440.9							
	085	00011	- 1.21	32.950	26.52		1441.0							
	STD	00020	- 1.37	32.95	26.53	00.031	1440.4							
	085	00020	- 1.38	32.957	26.53		1440.4							
	STD	00030	- 1.50	33.05	26.61	00.045	1440.1							
	085	00030	- 1.50	33.050	26.61		1440.1							
	STD	00050	- 1.45	33.12	26.66	00.074	1440.7							
	085	00051	- 1.45	33.122	26.67		1440.8							
	STD	00075	- 1.43	33.18	26.71	00.108	1441.5							
	085	00076	- 1.40	33.180	26.71		1441.5							
	STD	00100	- 1.63	33.31	26.83	00.140	1441.0							
	085	00100	- 1.64	33.315	26.83		1441.0							
	085	00104	- 1.69	33.315	26.83		1440.8							
	STD	00125	- 1.66	33.41	26.91	00.169	1441.4							
	085	00125	- 1.66	33.412	26.91		1441.4							
	STD	00150	- 1.40	33.45	26.93	00.198	1443.1							
	085	00150	- 1.40	33.454	26.93		1443.1							
	085	00156	- 1.40	33.458	26.94		1443.2							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BDTOP 00380	AIR TEMP 05.7	OIR HGT PER	WIND-OIR 00	INST STO RECOROER	TEN SO 1306
CONSEC 0051	MONTH 04	SHIP EV	WET BULB 05.2	00 0 0	WIND-SPD 03	TRACE OIR 0	5 SQUARE 4
LAT 40 19 N	DAY 20	DATA USE 1	BAROMETR 1016.0	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 24 W	HOJA 16.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 236	1 SQUARE 67

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
16.2	STO	00000	- 1.07	32.95	26.52	00.000	1441.5							
	085	00003	- 1.07	32.950	26.52		1441.5							
	085	00005	- 1.10	32.930	26.50		1441.4							
	STO	00010	- 1.19	32.94	26.51	00.015	1441.1							
	085	00011	- 1.21	32.940	26.51		1441.0							
	STO	00020	- 1.26	32.95	26.52	00.031	1440.9							
	085	00020	- 1.27	32.950	26.52		1440.9							
	STO	00030	- 1.50	32.95	26.53	00.046	1439.9							
	085	00030	- 1.51	32.950	26.53		1439.9							
	STO	00050	- 1.55	33.11	26.66	00.075	1440.3							
	085	00051	- 1.55	33.120	26.67		1440.3							
	STO	00075	- 1.66	33.27	26.79	00.108	1440.4							
	085	00076	- 1.67	33.270	26.75		1440.4							
	085	00093	- 1.75	33.320	26.83		1440.3							
	STO	00100	- 1.73	33.31	26.83	00.135	1440.5							
	085	00100	- 1.73	33.310	26.83		1440.5							
	STO	00125	- 1.48	33.40	26.85	00.165	1442.2							
	085	00125	- 1.48	33.400	26.89		1442.3							
	STO	00150	- 1.47	33.43	26.92	00.197	1442.7							
	085	00150	- 1.47	33.430	26.92		1442.8							
	085	00177	- 1.20	33.530	26.99		1444.6							
	STO	00200	- 0.84	33.65	27.08	00.251	1446.8							
	085	00201	- 0.81	33.660	27.08		1447.0							
	085	00226	- 0.34	33.750	27.17		1449.8							
	STO	00250	- 0.37	33.86	27.23	00.296	1450.1							
	085	00251	- 0.37	33.863	27.23		1450.2							
	085	00262	00.01	33.870	27.22		1452.1							
	085	00276	00.14	33.980	27.30		1453.1							
	STO	00300	00.55	34.14	27.40	00.335	1455.0							
	085	00300	00.56	34.145	27.41		1455.6							
	085	00335	00.83	34.209	27.44		1457.5							

REFID 31 8355	YEAR 1973	BDTOP 00755	AIR TEMP 03.2	OIR HGT PER	WIND-OIR 07	INST STO RECOROER	TEN SO 1306
CONSEC 0052	MONTH 04	SHIP EV	WET BULB 03.2	07 0 2	WIND-SPD 06	TRACE OIR 0	5 SQUARE 4
LAT 40 16 N	DAY 20	DATA USE 1	BAROMETR 1015.0	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 17 W	HOJA 17.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 237	1 SQUARE 67

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
17.5	STO	00000	- 0.92	32.96	26.52	00.000	1442.2							
	085	00001	- 0.92	32.960	26.52		1442.2							
	085	00003	- 1.07	32.950	26.52		1441.5							
	STO	00010	- 1.10	32.95	26.52	00.015	1441.5							
	085	00011	- 1.12	32.960	26.53		1441.4							
	STO	00020	- 1.36	33.09	26.64	00.030	1440.7							
	085	00020	- 1.36	33.100	26.65		1440.7							
	STO	00030	- 1.56	33.17	26.71	00.044	1440.0							
	085	00030	- 1.57	33.170	26.71		1439.9							
	STO	00050	- 1.57	33.25	26.76	00.070	1440.4							
	085	00051	- 1.58	33.260	26.78		1440.4							
	085	00062	- 1.70	33.320	26.83		1440.1							
	085	00064	- 1.69	33.310	26.83		1440.1							
	STO	00075	- 1.48	33.32	26.82	00.101	1441.3							
	085	00076	- 1.47	33.317	26.83		1441.4							
	STO	00100	- 1.51	33.42	26.91	00.131	1441.7							
	085	00100	- 1.51	33.425	26.91		1441.7							
	STO	00125	- 1.34	33.45	26.93	00.155	1443.0							
	085	00125	- 1.33	33.450	26.93		1443.0							
	STO	00150	- 0.86	33.65	27.08	00.186	1443.9							
	085	00150	- 0.85	33.655	27.08		1446.0							
	085	00175	- 0.47	33.865	27.23		1448.4							
	STO	00200	00.22	34.08	27.37	00.228	1452.3							
	085	00203	00.28	34.095	27.38		1452.7							
	085	00226	00.45	34.100	27.38		1453.6							
	STO	00250	00.67	34.21	27.44	00.262	1456.3							
	085	00251	00.85	34.220	27.45		1456.4							
	085	00276	01.17	34.308	27.50		1458.2							
	STO	00300	01.35	34.33	27.50	00.293	1459.4							
	085	00300	01.36	34.330	27.50		1459.5							
	085	00350	01.77	34.460	27.58		1462.3							
	STO	00400	02.21	34.55	27.62	00.348	1465.1							
	085	00401	02.21	34.553	27.62		1465.2							
	085	00426	02.18	34.595	27.65		1465.5							
	085	00456	03.19	34.735	27.68		1470.6							
	STO	00500	03.65	34.84	27.65	00.396	1474.3							
	085	00502	03.84	34.840	27.69		1474.4							
	085	00550	04.06	34.900	27.72		1476.0							
	STO	00600	04.15	34.85	27.70	00.442	1477.2							
	085	00601	04.15	34.890	27.70		1477.3							
	085	00651	04.21	34.870	27.68		1478.3							
	STO	00700	04.20	34.86	27.65	00.485	1479.1							
	085	00700	04.20	34.840	27.69		1479.1							
	085	00736	04.17	34.886	27.70		1479.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N D D C S T A T I O N D A T A

REFID 31 6555	YEAR 1973	BOTDP 04225	AIR TEMP 00.0	OIR HGT PER	WIND-OIR 03	INST STD RECORDER	TEN SQ 1306
CONSEC 0053	MONTH 04	SHIP EV	WET BULB 05.0	13 1 2	WIND-SPD 05	TRACE OIR 0	5 SQUARE 4
LAT 46 12 N	DAY 20	DATA USE 1	BAROMETR 1014.2	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 14 W	HOOR 16.7	AREA 05	CLOUD 7/4	CL/TR	WEATHER 44	ORIG 011 238	1 SQUARE 67

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
18.7	STD	00000	- 0.63	32.96	26.52	00.000	1442.6							
	D65	00001	- 0.83	32.964	26.52		1442.7							
	D85	00007	- 1.04	32.960	26.52		1441.8							
	STD	00010	- 1.16	33.04	26.59	00.015	1441.3							
	D85	00011	- 1.24	33.080	26.63		1441.1							
	STD	00020	- 1.33	33.15	26.68	00.025	1440.5							
	D85	00020	- 1.34	33.155	26.69		1440.8							
	D85	00022	- 1.33	33.170	26.70		1440.9							
	D85	00028	- 1.74	33.294	26.81		1439.3							
	STD	00030	- 1.74	33.30	26.82	00.042	1439.3							
	D85	00030	- 1.74	33.300	26.82		1439.3							
	STD	00050	- 1.65	33.30	26.81	00.067	1440.1							
	D85	00051	- 1.64	33.255	26.81		1440.1							
	STD	00075	- 1.37	33.44	26.52	00.097	1442.0							
	D85	00076	- 1.36	33.440	26.52		1442.1							
	STD	00100	- 1.36	33.49	26.96	00.125	1442.5							
	D85	00100	- 1.36	33.452	26.56		1442.5							
	STD	00125	- 1.10	33.63	27.06	00.151	1444.3							
	D85	00125	- 1.09	33.630	27.07		1444.4							
	STD	00150	- 0.46	33.75	27.17	00.174	1448.0							
	D85	00150	- 0.45	33.795	27.18		1448.0							
	D85	00175	- 0.17	33.580	27.31		1450.0							
	D85	00184	- 0.05	33.955	27.32		1450.7							
	D85	00188	00.28	34.090	27.38		1452.7							
	STD	00200	00.40	34.11	27.39	00.214	1453.2							
	D85	00201	00.42	34.110	27.39		1453.3							
	D85	00226	00.86	34.195	27.43		1455.8							
	STD	00250	01.14	34.31	27.50	00.247	1457.0							
	D85	00251	01.16	34.310	27.50		1457.7							
	D85	00277	01.53	34.353	27.49		1459.5							
	STD	00300	01.67	34.43	27.56	00.276	1461.0							
	D85	00300	01.68	34.430	27.56		1461.0							
	D85	00350	02.13	34.540	27.61		1464.0							
	STD	00400	02.29	34.56	27.61	00.328	1465.5							
	D85	00401	02.30	34.560	27.62		1465.6							
	D85	00422	02.45	34.640	27.66		1466.9							
	D85	00432	02.70	34.670	27.67		1468.2							
	D85	00437	03.01	34.680	27.65		1469.4							
	D85	00451	03.15	34.690	27.64		1470.4							
	STD	00500	03.72	34.81	27.69	00.377	1473.7							
	D85	00500	03.73	34.815	27.69		1473.7							
	D85	00550	04.08	34.880	27.70		1476.1							
	STD	00600	04.15	34.87	27.69	00.423	1477.2							
	D85	00601	04.15	34.870	27.69		1477.2							
	D85	00651	04.15	34.880	27.70		1478.1							
	STD	00700	04.12	34.85	27.71	00.470	1478.8							
	D85	00700	04.12	34.850	27.71		1478.8							
	D85	00750	04.08	34.890	27.71		1479.4							
	STD	00800	03.96	34.85	27.72	00.516	1475.8							
	D85	00801	03.96	34.850	27.72		1479.8							
	D85	00850	03.50	34.895	27.73		1480.4							
	STD	00900	03.68	34.85	27.73	00.562	1481.1							
	D85	00900	03.68	34.890	27.73		1481.1							
	D85	00951	03.84	34.890	27.74		1481.8							
	STD	01000	03.82	34.90	27.75	00.608	1482.5							
	D85	01001	03.82	34.900	27.75		1482.5							
	D85	01005	03.82	34.891	27.74		1482.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REF ID 31 4555	YEAR 1973	BOTOP 01463	AIR TEMP 06.4	DIA HGT PER	WIND-DIA 06	INST STO RECORER	TEN SL 1306
CONSEC JJ54	MONTH 04	SHIP EV	WET BULB 06.4	JS 1 4	WIND-SPO 13	TRACE DIR 0	5 SQUARE 4
LAT 40 08.5N	DAY 20	DATA USE 1	BARDMETR 1015.7	SEA	WIND-FOA	DURATION	2 SQUARE 66
LONG 046 54 W	MOOR 21.0	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	ORIG 011 239	1 SQUARE 66

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYMOPTH	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
21.0	STO	00000	- 0.83	32.96	26.52	00.003	1442.6							
	OBS	00001	- 0.83	32.964	26.52		1442.7							
	OBS	00005	- 0.85	32.968	26.52		1442.6							
	OBS	00007	- 0.91	32.950	26.51		1442.4							
	OBS	00009	- 1.20	33.370	26.62		1441.2							
	STO	00010	- 1.21	33.07	26.62	00.015	1441.2							
	OBS	00011	- 1.24	33.080	26.63		1441.1							
	STO	00020	- 1.33	33.15	26.68	00.025	1440.9							
	OBS	00020	- 1.34	33.155	26.69		1440.8							
	OBS	00022	- 1.33	33.170	26.70		1440.9							
	OBS	00028	- 1.74	33.254	26.81		1439.3							
	STO	00030	- 1.74	33.30	26.82	00.042	1439.3							
	OBS	00030	- 1.74	33.300	26.82		1439.3							
	STO	00050	- 1.65	33.30	26.81	00.067	1440.1							
	OBS	00051	- 1.64	33.295	26.81		1440.1							
	STO	00075	- 1.37	33.44	26.52	00.096	1442.0							
	OBS	00076	- 1.36	33.440	26.52		1442.1							
	STO	00100	- 1.35	33.50	26.97	00.124	1442.6							
	OBS	00100	- 1.35	33.500	26.97		1442.6							
	STO	00125	- 1.10	33.63	27.06	00.150	1444.3							
	OBS	00125	- 1.09	33.630	27.07		1444.4							
	STO	00150	- 0.46	33.75	27.17	00.174	1448.0							
	OBS	00150	- 0.45	33.795	27.18		1448.0							
	OBS	00175	- 0.17	33.580	27.31		1450.0							
	OBS	00184	- 0.05	33.595	27.32		1450.7							
	OBS	00186	00.28	34.050	27.38		1452.4							
	STO	00200	00.40	34.11	27.35	00.214	1453.2							
	OBS	00201	00.42	34.110	27.39		1453.3							
	OBS	00226	00.86	34.195	27.43		1455.6							
	STO	00250	01.14	34.31	27.50	00.247	1457.6							
	OBS	00251	01.16	34.310	27.50		1457.7							
	OBS	00276	01.47	34.320	27.49		1459.5							
	STO	00300	01.67	34.43	27.56	00.275	1461.0							
	OBS	00300	01.68	34.430	27.56		1461.0							
	OBS	00325	02.05	34.480	27.57		1463.1							
	OBS	00350	02.13	34.540	27.61		1464.0							
	OBS	00375	02.15	34.550	27.62		1464.4							
	STO	00400	02.25	34.56	27.61	00.328	1465.5							
	OBS	00401	02.30	34.560	27.62		1465.6							
	OBS	00422	02.49	34.650	27.67		1466.9							
	OBS	00426	02.69	34.670	27.67		1467.9							
	STO	00500	03.72	34.81	27.65	00.376	1473.7							
	OBS	00500	03.73	34.815	27.65		1473.7							
	OBS	00550	04.08	34.860	27.70		1476.1							
	STO	00600	04.15	34.87	27.66	00.423	1477.2							
	OBS	00601	04.15	34.870	27.69		1477.2							
	OBS	00626	04.15	34.880	27.70		1477.7							
	OBS	00651	04.15	34.880	27.70		1478.1							
	OBS	00675	04.15	34.890	27.70		1478.5							
	STO	00700	04.12	34.89	27.71	00.470	1478.8							
	OBS	00700	04.12	34.890	27.71		1478.8							
	OBS	00725	04.10	34.890	27.71		1479.1							
	OBS	00750	04.08	34.890	27.71		1479.4							
	OBS	00776	03.97	34.890	27.72		1479.4							
	STO	00800	03.96	34.89	27.72	00.516	1479.8							
	OBS	00801	03.96	34.890	27.72		1479.8							
	OBS	00826	03.92	34.500	27.74		1483.0							
	OBS	00850	03.50	34.895	27.73		1480.4							
	OBS	00875	03.88	34.900	27.74		1480.7							
	STO	00900	03.88	34.89	27.73	00.562	1481.1							
	OBS	00900	03.88	34.890	27.73		1481.1							
	OBS	00925	03.85	34.890	27.74		1481.4							
	OBS	00951	03.84	34.890	27.74		1481.8							
	OBS	00976	03.83	34.890	27.74		1482.2							
	STO	01000	03.81	34.89	27.74	00.607	1482.5							
	OBS	01003	03.81	34.890	27.74		1482.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O O C S T A T I O N D A T A

REFID 21 8335	YEAR 1973	BOTOP 03031	AIR TEMP 02.8	OIR HGT PER	WIND-OIR 03	INST STO RECORDER	TEN SQ 1306
CONSEC 0355	MONTH 04	SHIP EV	WET BULB 02.8	03 0 2	WIND-SPO 16	TRACE OIR 0	5 SQUARE 4
LAT 40 01 N	DAY 20	DATA USE 1	BAROMETER 1012.8	SEA	WIND-FOR	OURATION	2 SQUARE 66
LONG 040 51 W	HOUR 23.6	AREA 05	CLOUD T/A	CL/Tk	WEATHER X2	ORIG 011 240	1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.6	STO	00000	01.04	33.25	26.66	00.000	1451.6							
	OBS	00001	01.04	33.250	26.66		1451.6							
	OBS	00005	01.04	33.260	26.67		1451.8							
	STO	00010	01.02	33.26	26.67	00.014	1451.7							
	STO	00020	00.66	33.26	26.69	00.028	1450.2							
	OBS	00023	03.63	33.260	26.69		1450.1							
	OBS	00022	00.57	33.230	26.67		1449.8							
	STO	00030	00.54	33.27	26.70	00.041	1449.9							
	OBS	00030	00.54	33.270	26.70		1449.9							
	STO	00050	00.95	33.29	26.70	00.066	1452.1							
	OBS	00051	00.99	33.320	26.72		1452.3							
	OBS	00053	01.04	33.300	26.75		1452.6							
	OBS	00060	01.83	33.510	26.81		1456.5							
	OBS	00062	01.19	33.460	26.83		1455.6							
	OBS	00064	00.74	33.640	26.99		1451.8							
	OBS	00068	01.22	33.680	26.99		1454.1							
	OBS	00070	01.18	33.700	27.01		1454.0							
	OBS	00074	00.53	33.680	27.03		1451.1							
	STO	00075	00.57	33.73	27.08	00.097	1451.4							
	OBS	00076	00.61	33.780	27.11		1451.6							
	OBS	00078	00.62	33.790	27.12		1451.7							
	OBS	00081	00.86	33.820	27.13		1452.9							
	OBS	00083	00.71	33.840	27.15		1452.3							
	OBS	00087	00.68	33.840	27.15		1452.2							
	OBS	00095	00.24	33.860	27.20		1450.4							
	STO	00100	- 0.09	33.86	27.21	00.121	1448.9							
	OBS	00100	- 0.12	33.860	27.21		1448.8							
	OBS	00106	- 0.01	33.960	27.31		1449.6							
	OBS	00112	00.26	33.980	27.29		1450.6							
	OBS	00121	00.55	34.100	27.38		1451.7							
	STO	00125	00.64	34.12	27.38	00.140	1453.0							
	OBS	00125	00.67	34.120	27.38		1453.2							
	OBS	00129	00.67	34.140	27.40		1453.3							
	OBS	00131	01.28	34.210	27.41		1456.2							
	OBS	00137	02.57	34.340	27.42		1462.1							
	OBS	00144	02.58	34.340	27.42		1462.3							
	OBS	00146	02.78	34.400	27.45		1463.3							
	STO	00150	03.12	34.45	27.46	00.157	1464.9							
	OBS	00152	03.32	34.480	27.46		1465.8							
	OBS	00171	03.84	34.560	27.47		1468.4							
	OBS	00173	04.02	34.580	27.47		1465.2							
	OBS	00177	03.99	34.540	27.44		1469.1							
	OBS	00180	03.81	34.550	27.47		1468.4							
	OBS	00184	04.05	34.590	27.48		1465.6							
	OBS	00188	04.18	34.600	27.47		1470.2							
	OBS	00198	02.24	34.360	27.46		1461.7							
	STO	00200	02.10	34.35	27.46	00.185	1461.1							
	OBS	00201	01.98	34.340	27.47		1460.6							
	OBS	00226	01.69	34.450	27.58		1459.9							
	STO	00250	02.11	34.49	27.57	00.219	1462.1							
	OBS	00251	02.12	34.490	27.58		1462.2							
	OBS	00276	02.23	34.550	27.61		1463.2							
	STO	00300	02.41	34.55	27.60	00.245	1464.4							
	OBS	00300	02.42	34.550	27.60		1464.4							
	OBS	00350	03.35	34.790	27.71		1465.6							
	STO	00400	03.54	34.85	27.73	00.291	1473.0							
	OBS	00401	03.55	34.850	27.73		1473.1							
	OBS	00451	04.18	34.900	27.71		1474.5							
	STO	00500	04.21	34.89	27.70	00.335	1475.8							
	OBS	00500	04.21	34.87 P	27.680									
	OBS	00550	04.22	34.650	27.70		1476.7							
	STO	00600	04.21	34.50	27.71	00.381	1477.5							
	OBS	00601	04.21	34.500	27.71		1477.5							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.--Continued

N O, O C S T A T I O N O A T A

REFID 31 8350	YEAR 1973	60TOP 03200	AIR TEMP 03.5	DIR HGT PER	WIND-DIR 04	INST STO RECORDER	TEN SO 1306
CONSEC 0350	MONTH 04	SHIP EV	WET BULB 02.8	OS 2 2	WIND-SPD 20	TRACE DIR 0	5 SQUARE 4
LAT 45 53 N	DAY 21	DATA USE 1	BAROMETER 1007.8	SEA	WIND-FGR	DURATION	2 SQUARE 46
LONG 046 01 W	HOUR 03.4	AREA 05	CLOUD 7/A	CL/TR	WEATHER A0	ORIG 011 241	1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	ORVG	P04	TOT P	NO2	NO3	SIO3	PM
03.4	STO	00000	03.18	33.50	26.70	00.000	1461.3							
	085	00001	03.18	33.500	26.70		1461.4							
	STO	00010	03.19	33.52	26.71	00.013	1461.6							
	085	00011	03.19	33.520	26.71		1461.6							
	085	00017	03.17	33.510	26.70		1461.6							
	STO	00020	02.83	33.48	26.71	00.027	1460.1							
	085	00024	02.44	33.440	26.71		1458.5							
	STO	00030	02.28	33.41	26.70	00.040	1457.0							
	085	00030	02.26	33.410	26.70		1457.7							
	085	00038	02.01	33.350	26.70		1456.7							
	085	00040	01.99	33.410	26.72		1456.7							
	085	00045	02.01	33.410	26.72		1456.9							
	085	00049	04.60	33.950	26.94		1468.6							
	STO	00050	04.71	34.01	26.94	00.065	1463.3							
	085	00055	05.54	34.140	26.95		1473.0							
	085	00059	05.78	34.200	26.97		1474.1							
	085	00060	05.77	34.210	26.98		1474.1							
	085	00068	06.09	34.300	27.02		1475.4							
	085	00072	05.57	34.350	27.11		1473.7							
	STO	00075	05.77	34.39	27.12	00.091	1474.6							
	085	00083	06.13	34.460	27.13		1476.3							
	085	00087	06.15	34.470	27.14		1476.4							
	STO	00100	06.12	34.55	27.18	00.115	1476.6							
	085	00100	06.12	34.530	27.19		1476.6							
	085	00102	06.24	34.540	27.18		1477.1							
	085	00114	06.07	34.540	27.20		1476.6							
	STO	00125	06.44	34.68	27.26	00.137	1478.5							
	085	00125	06.45	34.680	27.26		1478.5							
	085	00137	06.57	34.650	27.25		1479.2							
	085	00142	05.52	34.560	27.24		1476.5							
	STO	00150	05.87	34.56	27.24	00.158	1476.4							
	085	00152	05.86	34.550	27.24		1476.4							
	085	00158	05.33	34.530	27.29		1474.3							
	085	00175	05.12	34.550	27.33		1473.8							
	085	00186	05.06	34.550	27.33		1473.8							
	085	00196	05.50	34.680	27.38		1475.9							
	STO	00200	05.55	34.69	27.39	00.197	1476.1							
	085	00201	05.56	34.700	27.39		1476.2							
	085	00220	05.27	34.680	27.41		1475.4							
	STO	00250	05.16	34.65	27.43	00.253	1475.4							
	085	00251	05.15	34.650	27.43		1475.4							
	085	00277	05.00	34.780	27.52		1475.3							
	STO	00300	04.94	34.82	27.56	00.264	1475.5							
	085	00300	04.94	34.820	27.56		1475.5							
	085	00304	04.98	34.830	27.56		1475.7							
	085	00310	05.26	34.890	27.58		1477.0							
	085	00350	05.06	34.890	27.60		1476.9							
	STO	00400	05.09	34.89	27.60	00.320	1477.8							
	085	00401	05.09	34.850	27.60		1477.9							
	085	00451	05.13	35.010	27.69		1475.0							
	STO	00500	04.89	35.01	27.72	00.370	1478.8							
	085	00500	04.89	35.010	27.72		1478.6							
	085	00550	04.70	35.010	27.74		1478.9							
	STO	00600	04.59	35.01	27.75	00.414	1479.2							
	085	00601	04.59	35.010	27.75		1479.3							
	085	00652	04.51	35.020	27.77		1479.8							
	STO	00700	04.45	35.02	27.77	00.455	1480.3							
	085	00700	04.45	35.020	27.77		1480.3							
	085	00750	04.34	35.010	27.78		1480.7							
	085	00778	04.35	35.010	27.77		1481.4							
	STO	00800	04.25	35.01	27.79	00.496	1481.2							
	085	00803	04.24	35.010	27.79		1481.2							
	085	00850	04.23	35.010	27.79		1481.9							
	STO	00900	04.03	34.95	27.80	00.536	1481.9							
	085	00900	04.03	34.950	27.80		1481.9							
	085	00951	03.56	34.950	27.80		1482.5							
	STO	01000	04.01	35.00	27.81	00.576	1483.4							
	085	01001	04.01	35.000	27.81		1483.5							
	085	01005	04.02	35.000	27.81		1483.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOCC STATION DATA

REFID 31 8355 YEAR 1973 BOTOP 00292 AIR TEMP 03.9 DIR HGT PER WIND-DIR 36 INST STD RECORDER TEN SQ 1306
CONSEC 0057 MONTH 04 SHIP EV WET BULB 03.9 02 2 2 WIND-SPO 10 TRACE DIA 0 5 SQUARE 4
LAT 40 59 N DAY 21 DATA USE 1 BAROMETR 0995.0 SEA WIND-FOR DURATION 2 SQUARE 64
LONG 045 45 W HOUR 12.9 AREA 05 CLOUD T/A CL/TR WEATHER AC DRIG 011 242 1 SQUARE 65

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
12.9	STO	00000	01.43	33.06	26.48	00.000	1453.1							
	085	00001	01.43	33.063	26.48		1453.1							
	STO	00010	01.41	33.07	26.49	00.016	1453.1							
	085	00013	01.40	33.066	26.49		1453.2							
	085	00019	01.39	33.060	26.48		1453.2							
	STO	00020	01.40	33.07	26.49	00.031	1453.3							
	085	00020	01.40	33.072	26.49		1453.3							
	STO	00030	01.39	33.07	26.49	00.047	1453.4							
	085	00030	01.39	33.072	26.49		1453.4							
	085	00038	01.36	33.065	26.49		1453.4							
	085	00049	00.91	33.100	26.55		1451.6							
	STO	00050	00.86	33.10	26.55	00.077	1451.4							
	085	00051	00.74	33.120	26.57		1450.9							
	085	00060	- 0.05	33.365	26.81		1447.8							
	085	00068	- 0.12	33.432	26.87		1447.7							
	STO	00075	- 0.12	33.51	26.93	00.110	1447.5							
	085	00076	- 0.06	33.520	26.94		1448.1							
	085	00085	00.65	33.655	27.01		1451.8							
	085	00087	00.52	33.830	27.00		1451.2							
	STO	00100	01.35	33.84	27.11	00.136	1455.4							
	085	00100	01.41	33.850	27.12		1455.7							
	STO	00125	02.87	34.20	27.28	00.158	1463.0							
	085	00125	02.90	34.210	27.29		1463.2							
	STO	00150	03.46	34.46	27.44	00.177	1466.3							
	085	00150	03.47	34.467	27.44		1466.4							
	085	00175	03.68	34.560	27.49		1467.6							
	STO	00200	03.63	34.60	27.50	00.208	1466.9							
	085	00201	03.85	34.600	27.51		1469.0							
	085	00226	04.12	34.685	27.54		1470.7							
	STO	00250	04.24	34.80	27.63	00.236	1471.7							
	085	00251	04.24	34.810	27.63		1471.7							

REFID 31 8355 YEAR 1973 BOTOP 00302 AIR TEMP 02.8 DIR HGT PER WIND-DIR 03 INST STD RECORDER TEN SQ 1306
CONSEC 0056 MONTH 04 SHIP EV WET BULB 02.5 03 3 3 WIND-SPO 15 TRACE DIA 0 5 SQUARE 4
LAT 47 00 N DAY 21 DATA USE 1 BAROMETR 0996.2 SEA WIND-FOR DURATION 2 SQUARE 66
LONG 046 14 W HOUR 14.7 AREA 05 CLOUD T/A CL/TR WEATHER X4 DRIG 011 243 1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
14.7	STO	00000	01.41	33.01	26.44	00.000	1452.9							
	085	00003	01.41	33.010	26.44		1453.0							
	STO	00010	01.41	33.04	26.46	00.016	1453.1							
	085	00011	01.41	33.040	26.47		1453.1							
	STO	00020	01.41	33.04	26.47	00.032	1453.3							
	085	00023	01.41	33.040	26.47		1453.3							
	STO	00030	01.40	33.05	26.47	00.047	1453.4							
	085	00032	01.37	33.050	26.48		1453.3							
	STO	00050	00.89	33.28	26.68	00.077	1451.8							
	085	00051	00.86	33.290	26.70		1451.7							
	085	00062	00.64	33.560	26.93		1451.2							
	STO	00075	01.32	33.79	27.07	00.106	1454.8							
	085	00076	01.36	33.808	27.08		1455.1							
	085	00093	02.19	34.068	27.23		1459.4							
	085	00097	02.65	34.130	27.23		1462.4							
	STO	00100	02.74	34.13	27.24	00.129	1462.0							
	085	00100	02.70	34.130	27.24		1461.8							
	085	00102	02.59	34.153	27.27		1461.4							
	085	00108	02.65	34.200	27.27		1463.1							
	085	00119	03.09	34.340	27.37		1464.1							
	085	00123	03.11	34.340	27.37		1464.2							
	STO	00125	03.21	34.36	27.38	00.149	1464.7							
	085	00127	03.37	34.400	27.39		1465.5							
	STO	00150	03.08	34.44	27.45	00.168	1464.7							
	085	00150	03.08	34.437	27.45		1464.7							
	085	00177	03.02	34.490	27.50		1464.9							
	STO	00200	03.63	34.53	27.47	00.198	1467.9							
	085	00201	03.67	34.540	27.48		1468.2							
	085	00228	04.29	34.735	27.57		1471.5							
	STO	00250	04.39	34.81	27.62	00.227	1472.3							
	085	00251	04.39	34.815	27.62		1472.4							
	085	00276	04.41	34.867	27.66		1472.9							
	085	00287	04.30	34.867	27.68		1473.0							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

MOO C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOTOP 00550	AIR TEMP 02.0	OIR MGT PER	WIND-OIR 33	INST STO RECORDER	TEN SJ 1306
CONSEC 0059	MONTH 04	SHIP EV	WET BULB 02.0	33 3 3	WIND-SPO 14	TRACE OIR 0	5 SQUARE 4
LAT 46 58.5N	DAY 21	DATA USE 1	BAROMETR 0994.4	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 55 W	HOUR 16.8	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 244	1 SQUARE 66

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	P34	TOT P	NO2	NO3	SI03	PH
10.8	STO	00000	00.86	33.11	26.55	00.000	1450.7							
	DBS	00001	00.88	33.107	26.55		1450.7							
	STO	00010	00.87	33.11	26.55	00.015	1450.8							
	DBS	00011	00.86	33.105	26.55		1450.8							
	STO	00020	00.83	33.09	26.55	00.030	1450.7							
	DBS	00020	00.80	33.092	26.55		1450.6							
	DBS	00028	00.36	33.085	26.57		1448.6							
	STO	00030	00.08	33.18	26.66	00.044	1447.6							
	DBS	00030	00.00	33.212	26.69		1447.3							
	DBS	00034	- 0.36	33.305	26.78		1445.8							
	DBS	00036	- 0.38	33.300	26.77		1445.8							
	DBS	00038	- 0.68	33.318	26.80		1444.4							
	DBS	00045	- 0.60	33.410	26.88		1444.1							
	DBS	00049	- 0.57	33.440	26.89		1445.3							
	STO	00050	- 0.57	33.45	26.90	00.070	1445.3							
	DBS	00053	- 0.57	33.514	26.95		1445.5							
	DBS	00072	- 0.97	33.648	27.06		1444.1							
	STO	00075	- 0.87	33.65	27.08	00.097	1444.6							
	DBS	00078	- 0.77	33.660	27.08		1445.2							
	DBS	00055	- 0.46	33.860	27.23		1447.2							
	STO	00100	- 0.20	33.97	27.31	00.119	1448.6							
	DBS	00100	- 0.16	33.990	27.32		1446.8							
	STO	00125	00.66	34.19	27.43	00.137	1452.2							
	DBS	00125	00.68	34.190	27.44		1453.3							
	STO	00150	01.35	34.33	27.50	00.152	1456.9							
	DBS	00150	01.36	34.330	27.50		1457.0							
	DBS	00152	01.42	34.350	27.52		1457.3							
	DBS	00161	02.26	34.480	27.56		1461.4							
	DBS	00163	02.17	34.507	27.59		1461.0							
	DBS	00165	02.42	34.550	27.60		1462.2							
	DBS	00175	01.65	34.450	27.58		1458.8							
	DBS	00178	01.67	34.480	27.60		1459.0							
	STO	00200	02.51	34.52	27.57	00.181	1463.1							
	DBS	00201	02.65	34.560	27.59		1463.8							
	DBS	00205	02.98	34.660	27.64		1465.4							
	DBS	00220	03.26	34.690	27.64		1466.9							
	DBS	00226	03.05	34.660	27.63		1466.1							
	DBS	00243	02.56	34.616	27.64		1464.2							
	STO	00250	02.71	34.69	27.69	00.205	1465.1							
	DBS	00251	02.74	34.700	27.69		1465.2							
	DBS	00257	02.65	34.690	27.67		1465.8							
	DBS	00264	03.06	34.687	27.65		1466.8							
	DBS	00276	03.28	34.750	27.71		1468.1							
	DBS	00281	03.65	34.820	27.70		1469.7							
	STO	00300	03.75	34.83	27.70	00.226	1470.5							
	DBS	00300	03.76	34.830	27.70		1470.6							
	DBS	00350	04.30	34.880	27.68		1473.7							
	STO	00400	04.19	34.89	27.70	00.270	1474.1							
	DBS	00401	04.19	34.890	27.70		1474.1							
	DBS	00453	04.01	34.900	27.73		1474.2							
	STO	00500	03.67	34.90	27.74	00.313	1474.4							
	DBS	00500	03.67	34.900	27.74		1474.4							
	DBS	00536	03.70	34.894	27.75		1474.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O C C S T A T I C A C A T A

REFID 31 8355	YEAR 1973	BOTOP 01056	AIR TEMP 02.0	OIR PGT PER 33 4 2	WIND-OIR 33	INST STO RECORDER	TEA SU 1306
CONSEC 0060	MCNTH 04	SHIP EV	WET BULB 02.0	SEA	WIND-SPD 20	TRACE CIR C	5 SQUARE 4
LAT 47 03.5N	DAY 21	DATA USE 1	BAROMETR	CL/TA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 44 W	MOOR 16.5	AREA 05	CLCUD T/A		WEATHER 44	GRIG 011 245	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMORTH	SAO VEL	OAYG	PU4	TOT P	AC2	NC3	SIG3	PH
16.5	STO	C0000	- 1.04	33.30	26.80	00.000	1442.1							
	OBS	00001	- 1.04	33.305	26.80		1442.1							
	STO	C0010	- 1.04	33.31	26.81	00.013	1442.3							
	OBS	00011	- 1.04	33.314	26.81		1442.3							
	STO	C0020	- 1.02	33.31	26.81	00.023	1442.5							
	OBS	00020	- 1.02	33.310	26.81		1442.6							
	OBS	00024	- 1.04	33.290	26.79		1442.9							
	STO	C0030	- 1.04	33.41	26.89	00.037	1442.7							
	OBS	00030	- 1.05	33.420	26.90		1442.7							
	OBS	00036	- 1.20	33.487	26.96		1442.2							
	OBS	00040	- 0.66	33.513	26.96		1444.6							
	OBS	00043	- 0.75	33.515	26.96		1444.5							
	STO	C0050	- 1.02	33.58	27.03	00.059	1443.4							
	OBS	C0051	- 1.07	33.584	27.04		1443.2							
	STO	C0075	- 0.88	33.65	27.08	00.084	1444.6							
	OBS	C0076	- 0.67	33.660	27.08		1444.7							
	STO	C0100	- 0.44	33.84	27.21	00.106	1447.1							
	OBS	C0100	- 0.46	33.850	27.22		1447.2							
	OBS	C0114	- 0.14	34.010	27.34		1444.1							
	STO	C0125	00.53	34.095	27.34	00.127	1451.4							
	OBS	C0125	00.51	34.120	27.42		1451.5							
	STO	C0150	03.51	34.19	27.44	00.144	1454.8							
	OBS	C0150	03.52	34.195	27.45		1454.6							
	OBS	C0175	01.58	34.425	27.57		1458.5							
	STO	C0200	02.00	34.51	27.60	00.173	1460.9							
	OBS	C0205	02.06	34.517	27.60		1461.3							
	OBS	C0226	02.13	34.540	27.61		1462.0							
	STO	C0250	02.14	34.54	27.61	00.195	1462.4							
	OBS	00251	02.14	34.545	27.62		1462.4							
	OBS	00276	02.56	34.685	27.69		1464.9							
	STO	C0300	02.91	34.68	27.66	00.223	1466.7							
	OBS	00302	02.95	34.683	27.66		1466.9							
	OBS	00350	03.57	34.823	27.71		1470.6							
	STO	C0400	03.77	34.85	27.71	00.267	1472.3							
	OBS	00401	03.78	34.88 P	27.740									
	OBS	00451	04.09	34.870	27.65		1474.5							
	STO	C0500	04.05	34.88	27.71	00.311	1475.2							
	OBS	00500	04.05	34.880	27.71		1475.2							
	OBS	00550	04.10	34.893	27.71		1476.2							
	STO	C0600	04.05	34.90	27.72	00.355	1476.8							
	OBS	00603	04.05	34.900	27.72		1476.5							
	OBS	00651	04.02	34.900	27.73		1477.6							
	STO	C0700	04.00	34.90	27.73	00.395	1478.3							
	OBS	C0700	04.00	34.900	27.73		1478.5							
	OBS	C0750	03.54	34.900	27.73		1478.5							
	STO	C0800	03.87	34.93	27.74	00.444	1479.4							
	OBS	00801	03.87	34.900	27.74		1479.4							
	OBS	00850	03.65	34.500	27.74		1480.2							
	STO	C0900	03.76	34.90	27.75	00.487	1480.6							
	OBS	00900	03.76	34.895	27.75		1480.6							
	OBS	00951	03.73	34.900	27.76		1481.3							
	STO	C1000	03.65	34.90	27.76	00.531	1482.0							
	OBS	01001	03.65	34.895	27.76		1482.0							
	OBS	01003	03.69	34.900	27.76		1482.0							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOATOP 01134	AIR TEMP 04.1	DIR HGT FER	WIND-DIR 32	INST STC RECORDER	7EN SU 1306
CONSEC 0361	MONTH 04	SMIP EV	WET OULB 03.0	23 3 4	WIND-SPO 20	TRACE DIR 0	5 SWARE 4
LAT 47 02 N	DAY 21	DATA USE 1	BAROMETH 0994.6	SEA	WIND-FOR	DURATICA	2 SWARE 66
LONG 047 03 W	MOON 20.3	AREA 05	CLUJO 77A	CL/7R	WEATHER X2	CRIC 041 246	1 SWARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PU4	TUT P	NO2	NC3	SIO3	PH
23.3	STL	00000	- 0.97	32.37	26.60	00.000	1442.5							
	085	00003	- 0.97	33.375	26.66		1442.0							
	STO	00010	- 0.95	33.40	26.67	00.012	1442.8							
	085	00011	- 0.95	33.400	26.88		1442.9							
	STC	00020	- 0.94	33.40	26.88	00.024	1443.0							
	085	00020	- 0.94	33.400	26.88		1443.1							
	STO	00030	- 0.95	33.40	26.88	00.036	1443.2							
	085	00030	- 0.95	33.400	26.88		1443.2							
	STO	00050	- 1.23	33.44	26.92	00.055	1442.2							
	085	00051	- 1.24	33.440	26.92		1442.2							
	085	00059	- 1.29	33.455	26.93		1442.1							
	STO	00075	- 1.24	33.51	26.96	00.087	1442.7							
	085	00076	- 1.23	33.517	26.98		1442.8							
	085	00078	- 1.22	33.510	26.97		1442.8							
	085	00081	- 0.79	33.582	27.02		1445.0							
	085	00087	- 0.67	33.620	27.04		1445.7							
	085	00055	- 0.62	33.610	27.05		1444.7							
	STO	00100	- 0.56	33.64	27.07	00.113	1444.6							
	085	00100	- 0.97	33.650	27.08		1444.6							
	STO	00125	- 0.81	33.77	27.17	00.136	1445.5							
	085	00125	- 0.80	33.772	27.17		1446.0							
	085	00127	- 0.78	33.770	27.17		1446.1							
	085	00133	- 0.52	33.857	27.25		1447.5							
	STO	00150	- 0.16	34.01	27.33	00.157	1449.7							
	085	00150	- 0.13	34.010	27.34		1449.8							
	085	00175	- 00.58	34.165	27.45		1453.7							
	085	00180	00.73	34.220	27.46		1454.5							
	STO	00200	01.39	34.38	27.54	00.190	1458.0							
	085	00201	01.44	34.395	27.55		1458.3							
	085	00218	01.87	34.485	27.59		1460.6							
	085	00224	02.38	34.540	27.59		1463.0							
	085	00226	02.37	34.550	27.60		1463.0							
	STO	00250	02.62	34.69	27.67	00.215	1465.4							
	085	00251	02.94	34.695	27.67		1466.1							
	085	00276	03.20	34.760	27.71		1467.7							
	STO	00300	03.56	34.82	27.71	00.237	1469.7							
	085	00300	03.57	34.825	27.71		1469.8							
	085	00352	03.95	34.860	27.71		1472.5							
	STO	00400	04.14	34.88	27.70	00.280	1473.0							
	085	00401	04.12	34.880	27.70		1473.6							
	085	00401	04.11	34.890	27.71		1474.6							
	STO	00500	04.08	34.90	27.72	00.324	1475.3							
	085	00500	04.09	34.900	27.72		1475.3							
	085	00550	04.05	34.855	27.72		1476.6							
	STO	00600	04.01	34.90	27.73	00.367	1476.7							
	085	00601	04.01	34.900	27.73		1476.7							
	085	00651	03.45	34.900	27.73		1477.1							
	STO	00700	02.88	34.90	27.74	00.411	1477.6							
	085	00700	02.88	34.900	27.74		1477.6							
	085	00750	02.83	34.900	27.75		1478.4							
	STO	00800	03.61	34.90	27.75	00.454	1479.2							
	085	00801	03.81	34.900	27.75		1479.2							
	085	00850	03.75	34.900	27.75		1479.7							
	STO	00900	03.72	34.90	27.76	00.497	1480.4							
	085	00900	03.72	34.898	27.76		1480.4							
	085	00951	03.69	34.900	27.76		1481.2							
	STO	01000	03.65	34.90	27.76	00.540	1481.8							
	085	01001	03.65	34.900	27.76		1481.8							
	085	01005	03.66	34.900	27.76		1481.9							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NCOC STATION DATA

REFID 31	#355	YEAR 1973	BOATP 00732	AIR TEMP 00.0	DIR PGT PER	#IND-DIR 28	INST STO RECDKOR	LEN SW 1306
CONSEC 03a2		MONTH 04	SHIP EV	NET BULB 00.0	10 2 4	#INC-SPC 25	TRACE CIR	5 SQUARE 4
LAT 47 01 A		DAY 21	DATA USE 1	BAROMETR 0996.1	SEA	#INU-FUR	DURATICA	2 SQUARE 60
LONG 047 11 W		HOOR 22.3	AREA 05	CLCUD T/A	CL/1R	WEATHER A4	DRIG C11 247	1 SQUARE 77

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	CAYG	PO4	TOT P	AC2	AC3	SIG3	PH
22.3	STO	00000	- 1.61	33.09	26.64	00.000	1439.1							
	085	00003	- 1.61	33.090	26.64		1439.2							
	STO	00010	- 1.62	33.110	26.65	00.014	1439.3							
	085	00011	- 1.62	33.100	26.65		1439.3							
	STO	00020	- 1.62	33.11	26.66	00.028	1439.4							
	085	00020	- 1.62	33.110	26.66		1439.5							
	STO	00030	- 1.67	33.17	26.71	00.042	1439.5							
	085	00030	- 1.67	33.170	26.71		1439.5							
	085	00041	- 1.74	33.300	26.82		1439.5							
	STO	00050	- 1.71	33.32	26.83	00.067	1439.6							
	085	00051	- 1.71	33.320	26.83		1439.8							
	STO	00075	- 1.69	33.32	26.83	00.096	1440.3							
	085	00076	- 1.69	33.320	26.83		1440.3							
	STO	00100	- 1.65	33.44	26.93	00.127	1441.1							
	085	00100	- 1.65	33.440	26.93		1441.1							
	STO	00125	- 1.64	33.52	26.99	00.155	1442.6							
	085	00125	- 1.64	33.520	27.00		1442.7							
	STO	00124	- 1.30	33.570	27.03		1443.0							
	085	00132	- 1.11	33.630	27.07		1444.4							
	STO	00150	- 1.02	33.75	27.16	00.175	1445.3							
	085	00152	- 1.01	33.760	27.17		1445.4							
	STO	00154	- 0.44	33.740	27.17		1446.2							
	085	00163	- 0.64	33.850	27.23		1447.5							
	STO	00175	- 0.18	33.650	27.21		1449.0							
	085	00200	00.38	33.97	27.30	00.222	1451.5							
	STO	00201	00.10	33.980	27.30		1451.7							
	085	00209	- 0.16	34.000	27.33		1450.5							
	STO	00226	- 0.37	34.010	27.33		1451.3							
	085	00228	- 0.06	34.080	27.35		1451.5							
	STO	00232	00.15	34.120	27.41		1452.8							
	085	00238	00.19	34.120	27.41		1452.8							
	STO	00241	00.42	34.130	27.40		1454.0							
	085	00250	00.64	34.18	27.43	00.25E	1455.2							
	STO	00251	00.67	34.190	27.44		1455.4							
	085	00276	01.19	34.330	27.52		1458.3							
	STO	00295	01.87	34.480	27.59		1461.8							
	085	00300	02.12	34.53	27.61	00.287	1463.1							
	STO	00300	02.16	34.540	27.61		1463.3							
	085	00333	02.84	34.86 P	27.810									
	STO	00335	02.88	34.670	27.85 *		1467.2							
	085	00352	03.19	34.780	27.71		1468.5							
	STO	00400	03.12	34.84	27.71	00.333	1472.1							
	085	00403	03.75	34.89 P	27.750									
	STO	00451	04.02	34.880	27.71 *		1474.2							
	085	00500	03.57	34.850	27.72	00.376	1474.8							
	STO	00500	03.57	34.850	27.72		1474.8							
	085	00552	03.84	34.890	27.74		1475.1							
	STO	00600	03.77	34.89	27.74	00.419	1475.6							
	085	00601	03.77	34.890	27.74		1475.7							
	STO	00651	03.74	34.890	27.75		1476.4							
	085	00700	03.72	34.89	27.75	00.461	1477.1							
	STO	00700	03.72	34.890	27.75		1477.1							
	085	00729	03.72	34.890	27.75		1477.6							

TABLE I. Observed oceanographic data occupied by USCGC EVERGREEN,
3-22 April 1973.—Continued

NOOC STATION DATA

REFID 31 8555	YEAR 1973	BOTOP 03507	AIR TEMP 00.3	DIR HGT PER	WIND-DIR 25	INST SIO RECORDER	TEN SC 1306
CONSEC 0063	MONTH 04	SHIP EV	WET BULB 00.3		WIND-SPD 16	TRACE DIR 0	5 SQUARE 4
LAT 47 01.1N	DAY 21	DATA USE 1	BAROMETR 0996.5	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 147 14 W	MOJR 23.0	AREA 05	CLOUD T/A	CL/TR	WEATHER 14	ORIG D11 248	1 SQUARE 77

CASTNUM/LINE	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P34	TOT P=	NO2	NO3	SIO3	PH
23.6	STO	00303	- 1.68	33.13	26.65	00.000	1436.8							
	OBS	00031	- 1.68	33.100	26.65		1438.8							
	OBS	00003	- 1.68	33.100	26.65		1438.5							
	OBS	00005	- 1.68	33.100	26.65		1438.9							
	OBS	00007	- 1.68	33.100	26.65		1438.9							
	STO	00010	- 1.68	33.11	26.66	00.014	1439.0							
	OBS	00011	- 1.68	33.110	26.66		1439.0							
	STO	00020	- 1.66	33.10	26.65	00.028	1439.2							
	OBS	00020	- 1.66	33.100	26.65		1439.3							
	STO	00030	- 1.65	33.17	26.71	00.042	1439.5							
	OBS	00030	- 1.65	33.170	26.71		1439.6							
	OBS	00043	- 1.70	33.310	26.83		1439.5							
	STO	00050	- 1.75	33.32	26.83	00.067	1439.6							
	OBS	00053	- 1.75	33.320	26.83		1439.7							
	STO	00075	- 1.49	33.30	26.81	00.098	1441.3							
	OBS	00076	- 1.48	33.300	26.81		1441.3							
	STO	00100	- 1.58	33.43	26.92	00.128	1441.4							
	OBS	00103	- 1.58	33.430	26.92		1441.4							
	STO	00125	- 1.43	33.51	26.98	00.155	1442.8							
	OBS	00125	- 1.37	33.530	27.00		1443.3							
	STO	00150	- 1.22	33.62	27.06	00.181	1444.2							
	OBS	00150	- 1.22	33.620	27.06		1444.2							
	OBS	00173	- 0.85	33.780	27.18		1446.5							
	OBS	00180	- 0.25	33.860	27.22		1446.4							
	STO	00203	- 0.12	33.66	27.21	00.226	1450.4							
	OBS	00201	- 0.11	33.860	27.21		1450.5							
	OBS	00226	00.01	34.010	27.33		1451.7							
	STO	00253	03.53	34.18	27.44	00.266	1454.6							
	OBS	00251	03.53	34.190	27.44		1454.7							
	OBS	00257	00.68	34.210	27.45		1455.4							
	OBS	00262	00.68	34.250	27.50		1457.1							
	OBS	00266	01.02	34.310	27.51		1457.4							
	OBS	00272	01.42	34.340	27.51		1459.3							
	OBS	00276	01.45	34.340	27.51		1459.3							
	OBS	00258	01.96	34.490	27.55		1462.3							
	STO	00300	01.92	34.48	27.59	00.295	1462.1							
	OBS	00300	01.85	34.480	27.59		1462.0							
	OBS	00323	02.18	34.540	27.61		1463.8							
	OBS	00352	02.47	34.560	27.60		1465.5							
	OBS	00378	02.67	34.680	27.68		1467.0							
	STO	00403	02.65	34.77	27.73	00.341	1468.7							
	OBS	00401	03.02	34.780	27.73		1469.0							
	OBS	00437	03.32	34.810	27.73		1470.4							
	OBS	00420	03.50	34.840	27.73		1471.5							
	OBS	00426	03.81	34.880	27.73		1472.5							
	OBS	00451	03.90	34.890	27.73		1473.7							
	STO	00500	03.89	34.87	27.72	00.383	1474.5							
	OBS	00503	03.85	34.870	27.72		1474.5							
	OBS	00534	03.91	34.850	27.73		1475.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.

NOOC STATION DATA

REFID 31 0355	YEAR 1973	BOTOP 00071	AIR TEMP 05.8	DIR HGT PER	WIND-DIR 13	INST STO RECORDER	TEN SW 1307
CONSEC 0006	MONTH 05	SHIP EV	WET BULB 05.0	13 2 1	WIND-SPD 20	TRACE DIR 0	5 SQUARE 1
LAT 43 15 N	DAY 12	DATA USE 1	BAROMETR 1021.2	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 21 E	MOJR 12.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 245	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
12.4	STO	00000	02.90	32.32	25.78	00.000	1458.5							
	085	00001	02.90	32.320	25.78		1458.6							
	STO	00010	02.87	32.31	25.78	00.022	1458.6							
	085	00011	02.87	32.313	25.78		1458.6							
	085	00013	02.67	32.340	25.82		1457.8							
	STO	00020	02.65	32.41	25.87	00.044	1457.9							
	085	00020	02.65	32.447	25.80		1458.0							
	085	00024	02.38	32.653	26.05		1457.1							
	085	00028	01.44	32.557	26.08		1452.9							
	STO	00030	00.85	32.63	26.17	00.064	1450.4							
	085	00030	00.86	32.653	26.20		1449.5							
	085	00043	00.16	32.923	26.45		1447.9							
	085	00045	00.32	32.860	26.35		1448.5							
	085	00049	00.07	32.825	26.37		1447.4							
	STO	00050	- 0.05	32.86	26.40	00.095	1446.5							
	085	00051	- 0.31	32.945	26.48		1445.5							
	085	00055	- 0.46	33.115	26.63		1445.5							

REFID 31 0355	YEAR 1973	BOTOP 00073	AIR TEMP 07.0	DIR HGT PER	WIND-DIR 22	INST STO RECORDER	TEN SW 1307
CONSEC 0005	MONTH 05	SHIP EV	WET BULB 05.8	22 1 2	WIND-SPD 16	TRACE DIR 0	5 SQUARE 1
LAT 43 10 N	DAY 12	DATA USE 1	BAROMETR	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	MOJR 13.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 250	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
13.1	STO	00000	03.18	32.53	25.62	00.000	1460.0							
	085	00000	03.18	32.530	25.62		1460.0							
	085	00009	02.99	32.517	25.93		1459.3							
	STO	00010	02.71	32.53	25.66	00.021	1458.2							
	085	00013	01.28	32.617	26.14		1451.9							
	085	00017	00.44	32.785	26.52		1448.5							
	STO	00020	00.17	32.82	26.37	00.035	1447.4							
	085	00020	00.10	32.837	26.38		1447.1							
	STO	00030	- 0.20	32.56	26.45	00.055	1446.0							
	085	00030	- 0.21	32.565	26.50		1446.0							
	STO	00050	- 0.54	33.20	26.70	00.084	1445.1							
	085	00051	- 0.50	33.210	26.71		1445.1							
	085	00060	- 0.58	33.202	26.70		1445.1							

REFID 31 0355	YEAR 1973	BOTOP 00076	AIR TEMP 05.7	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	TEN SW 1307
CONSEC 0006	MONTH 05	SHIP EV	WET BULB 05.5	22 0 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 43 05.5N	DAY 12	DATA USE 1	BAROMETR 1021.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 21.5W	MOJR 14.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 251	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
14.2	STO	00000	03.18	32.64	26.01	00.000	1460.2							
	085	00001	03.18	32.642	26.01		1460.2							
	085	00009	03.10	32.642	26.02		1460.0							
	STO	00010	03.07	32.60	25.95	00.020	1459.6							
	085	00013	02.73	32.520	25.55		1458.3							
	085	00017	02.10	32.520	26.32		1456.1							
	STO	00020	02.06	32.57	26.37	00.035	1456.1							
	085	00020	02.05	32.550	26.38		1456.1							
	085	00024	00.57	32.833	26.35		1449.3							
	085	00028	00.17	32.500	26.43		1447.6							
	STO	00030	00.03	32.52	26.45	00.055	1447.0							
	085	00030	00.00	32.930	26.46		1446.9							
	085	00034	00.18	33.000	26.51		1447.9							
	085	00036	00.21	33.004	26.51		1448.1							
	085	00038	00.12	32.995	26.51		1447.7							
	STO	00050	- 0.36	33.11	26.62	00.085	1445.8							
	085	00051	- 0.40	33.117	26.63		1445.7							
	085	00064	- 0.71	33.202	26.71		1444.6							
	085	00074	- 0.52	33.340	26.81		1445.8							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31	B355	YEAR 1973	BOATOP 00140	AIR TEMP	06.5	DIR HGT PER	WIND-DIR 17	INST STD RECORDER	TEN SW 1307
CONSEC 0067		MONTH 05	SHIP EV	WET BULB	08.0	17 0 2	WIND-SPD 08	TRACE DIR 0	5 SQUARE 1
LAT 43 00 N		DAY 12	DATA USE 1	BAROMETR		SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 22.5W		MOOR 15.4	AREA 05	CLOUD T/A		CL/TR	WEATHER X4	ORIG 011 252	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
15.4	STO	00000	02.59	32.44	25.87	00.030	1455.1							
	OBS	00000	02.59	32.445	25.87		1455.1							
	STO	00010	03.04	32.92	26.45	00.019	1446.6							
	OBS	00010	03.01	32.520	26.45		1446.6							
	STO	00020	- 0.24	32.58	26.51	00.034	1445.7							
	OBS	00020	- 0.24	32.585	26.51		1445.7							
	STO	00030	- 0.64	33.03	26.57	00.045	1444.1							
	OBS	00030	- 0.64	33.030	26.57		1444.1							
	STO	00050	- 0.72	33.09	26.62	00.078	1444.1							
	OBS	00050	- 0.72	33.090	26.62		1444.1							
	OBS	00060	- 0.82	33.190	26.70		1444.0							
	STO	00075	- 0.82	33.20	26.71	00.113	1444.2							
	OBS	00075	- 0.82	33.200	26.71		1444.2							
	STO	00100	03.06	33.42	26.85	00.145	1445.0							
	OBS	00100	00.06	33.420	26.85		1445.0							

REFID 31	B355	YEAR 1973	BOATOP 00349	AIR TEMP	10.3	DIR HGT PER	WIND-DIR 19	INST STD RECORDER	TEN SW 1307
CONSEC 0068		MONTH 05	SHIP EV	WET BULB	08.4	16 2 3	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 42 56 N		DAY 12	DATA USE 1	BAROMETR 1022.2		SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 23 W		MOOR 16.1	AREA 05	CLOUD T/A		CL/TR	WEATHER X4	ORIG 011 253	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
16.1	STO	00000	02.88	32.67	26.06	00.000	1456.9							
	OBS	00000	02.88	32.671	26.06		1456.9							
	OBS	00005	02.53	32.705	26.12		1457.5							
	OBS	00007	01.95	32.660	26.13		1456.9							
	STO	00010	01.03	32.83	26.33	00.018	1451.1							
	OBS	00011	03.60	32.915	26.42		1449.3							
	STO	00020	- 0.25	33.07	26.58	00.034	1445.8							
	OBS	00020	- 0.31	33.085	26.60		1445.5							
	STO	00030	- 0.57	33.17	26.68	00.048	1444.6							
	OBS	00030	- 0.58	33.175	26.68		1444.6							
	STO	00050	- 0.84	33.25	26.75	00.075	1443.8							
	OBS	00051	- 0.85	33.255	26.76		1443.8							
	STO	00075	- 0.85	33.31	26.80	00.107	1444.1							
	OBS	00076	- 0.50	33.320	26.81		1444.1							
	OBS	00097	- 0.57	33.360	26.84		1444.1							
	STO	00100	- 0.56	33.35	26.84	00.138	1444.2							
	OBS	00100	- 0.96	33.353	26.84		1444.2							
	STO	00125	- 0.82	33.46	26.92	00.167	1445.4							
	OBS	00125	- 0.82	33.465	26.92		1445.4							
	STO	00150	- 0.66	33.55	26.95	00.165	1446.7							
	OBS	00150	- 0.66	33.550	26.95		1446.7							
	OBS	00177	- 0.35	33.547	26.97		1448.6							
	STO	00200	00.17	33.68	27.05	00.247	1451.5							
	OBS	00201	00.20	33.653	27.06		1451.8							
	OBS	00213	00.57	33.750	27.12		1453.7							
	OBS	00215	00.80	33.630	27.14		1454.9							
	OBS	00226	00.78	33.830	27.14		1455.0							
	OBS	00239	01.41	34.010	27.24		1458.2							
	STO	00250	01.84	34.04	27.25	00.293	1460.5							
	OBS	00251	01.88	34.040	27.23		1460.6							
	OBS	00276	02.20	34.145	27.29		1462.5							
	STO	00300	02.44	34.24	27.35	00.354	1464.1							
	OBS	00300	02.46	34.238	27.35		1464.2							
	OBS	00304	02.54	34.250	27.35		1464.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 01 8055	YEAR 1973	BOTOP 01000	AIR TEMP 09.2	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN SJ 1307
CONSEC 0009	MONTH 05	SHIP EV	WET BULB 08.8	18 1 2	WIND-SPO 14	TRACE DIR 0	5 SQUARE 1
LAT 47 45.54	DAY 12	DATA USE 1	BAROMETER 1022.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 24 W	HOUR 17.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG Q11 254	1 SQUARE 20

CASTNO/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGNA-T	DYNPTH	SND VEL	QXYG	P04	TOT P-	N02	N03	SIG3	Ph
17.1	STO	00000	02.30	33.01	26.38	00.000	1456.5							
	085	00003	02.30	33.008	26.38		1456.5							
	STO	00010	01.77	33.01	26.42	00.016	1454.7							
	085	00012	01.71	33.007	26.42		1454.4							
	085	00015	01.64	33.010	26.42		1454.2							
	085	00019	01.54	33.017	26.45		1452.5							
	STO	00020	01.28	33.00	26.44	00.032	1452.6							
	085	00022	00.61	32.553	26.48		1445.7							
	085	00024	- 0.20	33.033	26.55		1446.0							
	085	00026	- 0.73	33.082	26.61		1443.7							
	STO	00030	- 0.87	33.21	26.72	00.047	1443.3							
	085	00030	- 0.85	33.228	26.74		1443.2							
	085	00032	- 0.79	33.317	26.80		1443.8							
	085	00036	- 1.10	33.310	26.81		1442.4							
	STO	00050	- 1.22	33.34	26.84	00.073	1442.1							
	085	00051	- 1.23	33.342	26.84		1442.1							
	STO	00075	- 1.34	33.34	26.84	00.103	1442.0							
	085	00076	- 1.35	33.340	26.84		1442.0							
	085	00085	- 1.43	33.453	26.93		1441.9							
	STO	00100	- 1.50	33.49	26.96	00.132	1442.8							
	085	00100	- 1.29	33.490	26.96		1442.5							
	STO	00125	- 1.21	33.50	26.96	00.159	1443.6							
	085	00125	- 1.21	33.500	26.97		1443.7							
	085	00131	- 1.17	33.540	27.30		1444.0							
	085	00135	- 0.51	33.690	27.09		1447.4							
	085	00142	- 0.23	33.757	27.14		1448.5							
	085	00146	00.54	33.833	27.16		1452.6							
	STO	00150	00.74	33.84	27.15	00.165	1453.5							
	085	00150	00.76	33.637	27.15		1453.6							
	085	00175	01.50	34.015	27.25		1457.0							
	085	00190	02.00	34.15 P	27.310									
	STO	00200	01.51	34.04	27.23	00.229	1459.8							
	085	00201	01.65	34.040	27.23		1459.8							
	085	00205	02.14	34.040	27.21		1461.0							
	085	00213	02.38	34.160	27.29		1462.5							
	085	00224	02.54	34.215	27.32		1463.2							
	085	00226	02.84	34.230	27.31		1464.6							
	STO	00250	02.02	34.17	27.33	00.270	1461.3							
	085	00251	01.95	34.162	27.32		1461.2							
	085	00276	01.58	34.250	27.39		1461.7							
	STO	00300	02.37	34.40	27.48	00.305	1464.0							
	085	00300	02.41	34.407	27.49		1464.2							
	085	00306	02.75	34.500	27.53		1465.5							
	085	00310	02.81	34.500	27.53		1466.2							
	085	00316	03.10	34.555	27.54		1467.6							
	085	00325	03.15	34.572	27.55		1468.0							
	085	00350	03.29	34.580	27.54		1469.0							
	085	00375	03.51	34.595	27.53		1470.4							
	STO	00400	03.72	34.73	27.62	00.362	1471.5							
	085	00401	03.74	34.740	27.63		1472.0							
	085	00426	04.02	34.820	27.66		1473.7							
	085	00451	04.01	34.840	27.68		1474.1							
	085	00475	04.15	34.870	27.69		1475.2							
	STO	00500	04.26	34.87	27.68	00.411	1476.0							
	085	00500	04.26	34.870	27.68		1476.0							
	085	00525	04.21	34.920	27.72		1476.3							
	085	00550	04.14	34.932	27.74		1476.4							
	085	00576	04.17	34.940	27.74		1477.0							
	STO	00600	04.17	34.92	27.72	00.457	1477.4							
	085	00601	04.17	34.915	27.72		1477.4							
	085	00626	04.17	34.920	27.73		1477.6							
	085	00651	04.13	34.930	27.74		1478.1							
	085	00675	04.14	34.950	27.74		1478.5							
	STO	00700	04.11	34.93	27.74	00.501	1476.8							
	085	00700	04.11	34.930	27.74		1478.8							
	085	00725	04.11	34.930	27.74		1475.2							
	085	00750	04.05	34.940	27.75		1479.5							
	085	00776	04.08	34.940	27.75		1479.9							
	STO	00800	04.07	34.94	27.75	00.544	1480.3							
	085	00801	04.07	34.940	27.75		1480.3							
	085	00826	04.08	34.940	27.75		1480.8							
	085	00850	04.04	34.940	27.76		1481.0							
	085	00875	04.04	34.930	27.75		1481.4							
	STO	00900	04.02	34.94	27.76	00.588	1481.8							
	085	00902	04.02	34.940	27.76		1481.8							
	085	00925	03.58	34.940	27.76		1482.0							
	085	00951	03.55	34.940	27.76		1482.5							
	085	00976	03.57	34.940	27.76		1482.8							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 32 0555 YEAR 1973 BOTOP 01668 AIR TEMP 08.7 DIR MGT PER #INO-DIR 18 INST STD RECORDER TEN SQ 1307
CONSEC 0370 MONTH 05 SHIP EV WET 6JLB 08.6 18 2 2 #INO-SPO 14 TRACE DIR D 5 SQUARE 1
LAT 42 37 N DAY 12 DATA USE 1 BAROMETR 1022.6 SEA WEATHER X4 WIND-FOR ORURATION 2 SQUARE 20
LONG 030 25 W HOUR 15.4 AREA 05 CLOUD T/A CL/TR

CASUN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SNO VEL	OXYG	P24	TOT P	NO2	NO3	SIO3	PH
19.4	STO	00000	02.42	33.00	26.36	00.000	1457.4							
	OBS	00001	02.42	33.002	26.36		1457.4							
	OBS	00002	02.46	32.990	26.35		1457.6							
	OBS	00007	02.22	32.590	26.37		1456.6							
	OBS	00005	01.73	33.005	26.42		1454.5							
	STO	00010	01.70	33.03	26.44	00.016	1454.4							
	OBS	00013	01.61	33.142	26.54		1454.2							
	STO	00020	02.28	33.33	26.64	00.031	1457.6							
	OBS	00020	02.34	33.347	26.64		1457.8							
	STO	00030	02.42	33.35	26.64	00.046	1456.3							
	OBS	00030	02.42	33.350	26.64		1458.3							
	OBS	00034	02.33	33.342	26.64		1456.0							
	OBS	00036	02.07	33.350	26.67		1456.9							
	OBS	00043	01.52	33.233	26.61		1454.4							
	OBS	00045	01.25	33.340	26.72		1453.4							
	OBS	00047	01.22	33.343	26.72		1453.3							
	STO	00050	00.84	33.35	26.75	00.073	1451.6							
	OBS	00051	00.69	33.350	26.76		1451.0							
	OBS	00060	01.21	33.650	26.57		1453.5							
	OBS	00062	01.61	33.558	26.85		1456.5							
	OBS	00066	01.51	33.537	26.86		1455.2							
	OBS	00070	01.57	33.650	26.95		1457.5							
	STO	00075	02.35	33.65	26.92	00.103	1455.3							
	OBS	00078	02.54	33.700	26.91		1460.1							
	OBS	00059	02.38	33.755	27.00		1455.9							
	STO	00100	02.45	33.66	27.04	00.131	1460.3							
	OBS	00100	02.46	33.870	27.05		1460.5							
	OBS	00102	02.46	33.780	26.98		1460.3							
	OBS	00106	01.71	33.766	27.03		1457.0							
	STO	00125	00.64	33.79	27.12	00.155	1452.6							
	OBS	00125	00.63	33.790	27.12		1452.6							
	OBS	00137	01.55	33.845	27.16		1452.6							
	STO	00150	00.86	33.51	27.20	00.176	1454.2							
	OBS	00150	00.87	33.910	27.20		1454.2							
	OBS	00175	01.43	34.040	27.27		1457.3							
	STO	00200	01.62	34.16	27.35	00.215	1458.7							
	OBS	00201	01.63	34.160	27.35		1458.8							
	OBS	00211	01.45	34.160	27.36		1458.2							
	OBS	00217	02.04	34.340	27.46		1461.1							
	OBS	00224	02.40	34.350	27.47		1462.9							
	OBS	00230	03.33	34.455	27.47		1467.1							
	OBS	00232	03.40	34.455	27.47		1467.5							
	OBS	00234	03.79	34.550	27.50		1469.3							
	STO	00250	04.17	34.70	27.55	00.252	1471.3							
	OBS	00251	04.15	34.710	27.56		1471.4							
	OBS	00277	04.25	34.703	27.55		1472.1							
	STO	00300	04.10	34.71	27.56	00.280	1471.8							
	OBS	00300	04.10	34.710	27.57		1471.8							
	OBS	00325	04.08	34.640	27.67		1472.3							
	OBS	00352	04.60	34.930	27.69		1475.1							
	OBS	00375	04.76	34.930	27.67		1476.1							
	STO	00400	04.63	34.53	27.68	00.331	1476.0							
	OBS	00401	04.62	34.930	27.68		1476.0							
	OBS	00426	04.42	34.540	27.71		1475.6							
	OBS	00451	04.46	34.520	27.65		1476.1							
	OBS	00475	04.42	34.520	27.70		1476.3							
	STO	00500	04.40	34.93	27.71	00.377	1476.7							
	OBS	00500	04.40	34.930	27.71		1476.7							
	OBS	00525	04.35	34.937	27.72		1477.1							
	OBS	00550	04.56	34.940	27.70		1478.2							
	OBS	00576	04.58	34.985	27.73		1478.8							
	STO	00600	04.55	35.02	27.76	00.420	1475.1							
	OBS	00603	04.54	35.020	27.76		1476.1							
	OBS	00626	04.64	35.040	27.77		1480.0							
	OBS	00651	04.56	35.030	27.77		1480.0							
	OBS	00675	04.54	35.030	27.77		1480.3							
	STO	00700	04.51	35.03	27.78	00.461	1480.6							
	OBS	00700	04.51	35.030	27.78		1480.6							
	OBS	00725	04.45	34.58 P	27.740*									
	OBS	00750	04.33	34.54 P	27.720									
	OBS	00778	04.24	34.53 P	27.730									
	STO	00800	04.20											
	OBS	00803	04.20	34.53 P	27.730									
	OBS	00826	04.15	34.93 P	27.730									
	OBS	00850	04.15	34.53 P	27.740									
	OBS	00875	04.11	34.52 P	27.730									
	STO	00900	04.10											
	OBS	00900	04.10	34.52 P	27.730									
	OBS	00925	04.05	34.92 P	27.730									
	OBS	00951	04.07	34.92 P	27.740									
	OBS	00976	04.06	34.92 P	27.740									
	STO	01000	04.06											
	OBS	01003	04.06	34.52 P	27.740									

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MOOC STATION DATA

REFID 01 8355	YEAR 1973	BOTDP 02435	AIR TEMP 11.5	OIR MGT PER	WIND-OIR 20	INST STO RECORDER	TEN SQ 1307
CONSEC 0071	MONTH 05	SHIP EV	WET GULB 11.0	22 1 3	WIND-SPD 14	TRACE OIR 0	5 SQUARE 1
LAT 42 00 N	DAY 12	DATA USE 1	BAROMETR 1025.1	SEA	WIND-FDK	DURATION	2 SQUARE 20
LONG 050 26.5W	HOUR 21.6	AREA 05	CLOUD 7/A	CL/TK	WEATHER A4	ORIG 011 256	1 SQUARE 20

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DOXYG	PO4	TOT P	NO2	NO3	SIC3	PM
21.6	STO	00000	05.01	32.79	25.95	00.000	1468.1							
	085	00001	05.01	32.790	25.95		1468.1							
	085	00003	04.57	32.774	25.98		1466.3							
	085	00005	04.52	32.755	26.02		1464.1							
	STO	00010	03.65	32.76	26.06	00.020	1462.5							
	085	00013	02.10	32.760	26.15		1455.9							
	085	00015	01.52	32.525	26.35		1455.3							
	STO	00020	02.01	32.455	26.38	00.038	1455.9							
	085	00020	02.02	33.000	26.39		1456.0							
	085	00022	02.02	33.027	26.41		1456.0							
	085	00024	01.80	32.880	26.31 *		1454.5							
	085	00026	01.47	33.016	26.44		1453.6							
	085	00026	01.37	33.047	26.48		1453.3							
	STO	00030	01.19	33.06	26.50	00.054	1452.5							
	085	00032	00.57	33.084	26.53		1451.6							
	085	00034	00.67	33.160	26.60		1451.3							
	085	00045	01.67	33.390	26.73		1455.3							
	085	00047	02.45	33.570	26.81		1459.1							
	STO	00050	02.18	33.54	26.81	00.082	1457.5							
	085	00051	02.02	33.527	26.61		1457.2							
	085	00053	02.55	33.680	26.89		1455.5							
	085	00055	02.77	33.560	26.78 *		1460.6							
	085	00057	02.71	33.540	26.77		1460.3							
	085	00059	02.75	33.815	26.58		1461.1							
	085	00062	03.26	33.800	26.93 *		1463.1							
	085	00064	03.65	33.865	26.54		1464.8							
	STO	00075	03.55	33.87	26.91 *	00.112	1466.3							
	085	00076	03.56	33.853	26.93		1466.5							
	085	00076	04.08	34.030	27.03		1467.2							
	085	00081	04.50	34.145	27.08		1469.1							
	085	00083	04.74	34.033	26.96 *		1470.0							
	085	00093	05.17	34.180	27.03		1472.2							
	085	00095	05.25	34.37 P	27.170									
	085	00097	05.58	34.330	27.10 *		1474.1							
	085	00095	05.02	34.23 P	27.010*									
	STO	00100	05.04	34.35	27.11	00.135	1474.4							
	085	00100	05.05	34.355	27.11		1474.5							
	085	00102	05.66	34.24 P	27.010*									
	085	00115	06.37	34.573	27.15		1478.0							
	STO	00125	06.42	34.55	27.16 *	00.162	1478.2							
	085	00125	06.42	34.547	27.16		1478.2							
	085	00137	06.22	34.44 P	27.100*									
	085	00142	05.65	34.530	27.22		1476.1							
	STO	00150	06.29	34.58	27.21	00.186	1478.2							
	085	00150	06.31	34.586	27.21		1478.2							
	085	00163	06.49	34.550	27.15		1475.2							
	085	00165	06.36	34.520	27.15 *		1478.7							
	085	00171	05.54	34.495	27.23		1475.4							
	085	00175	05.41	34.520	27.27		1474.5							
	STO	00200	05.65	34.58	27.28	00.228	1476.4							
	085	00201	05.67	34.585	27.29		1476.5							
	085	00226	05.50	34.705	27.35		1478.0							
	STO	00250	05.23	34.55	27.35	00.268	1475.5							
	085	00251	05.20	34.550	27.35		1475.4							
	085	00276	04.55	34.680	27.45		1474.9							
	STO	00300	05.12	34.71	27.45	00.304	1476.0							
	085	00300	05.12	34.710	27.45		1476.1							
	085	00325	05.30	34.717	27.47		1476.0							
	085	00350	05.18	34.840	27.55		1477.3							
	085	00375	05.31	34.875	27.56		1478.3							
	STO	00400	05.18	34.92	27.61	00.365	1478.2							
	085	00401	05.17	34.920	27.61		1478.2							
	085	00426	05.45 P	34.930	27.560*									
	085	00451	04.83	34.920	27.65		1477.6							
	085	00475	04.89	34.935	27.66		1478.3							
	STO	00500	04.53	34.93	27.65	00.418	1478.9							
	085	00500	04.93	34.925	27.65		1478.9							
	085	00525	04.58	34.940	27.65		1479.5							
	085	00550	04.86	34.940	27.66		1475.5							
	085	00578	04.87	35.020	27.73		1480.0							
	STO	00600	04.80	35.02	27.74	00.465	1480.1							
	085	00601	04.80	35.022	27.74		1480.1							
	085	00626	04.77	35.030	27.75		1480.4							
	085	00651	04.75	35.025	27.75		1480.8							
	085	00675	04.41	34.53 P	27.710*									
	STO	00700	04.42	35.00	27.76	00.508	1480.2							
	085	00700	04.42	34.53 P	27.710*									
	085	00727	04.45	34.54 P	27.710									
	085	00750	04.47	34.985	27.75		1481.2							
	085	00776	04.46	34.985	27.75		1481.6							
	STO	00800	04.35											
	085	00801	04.35	34.94 P	27.720*									
	085	00826	04.36	34.94 P	27.724*									
	085	00850	04.37	35.02 P	27.780									
	085	00875	04.34	34.97 P	27.750*									
	STO	00900	04.33											
	085	00900	04.33	34.95 P	27.730									
	085	00925	04.31	34.94 P	27.730									
	085	00951	04.26	34.94 P	27.730									
	085	00976	04.27	34.94 P	27.730									
	STO	01000	04.23											
	085	01000	04.22	34.94 P	27.740									

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MOO L S T A T I O N D A T A														
REFID 31 0355	YEAR 1973	BDTOP 03255	AIR TEMP 12.2	DIR MGT PER	WIND-DIR 19	INST STO RECORDER	TEN SQ 1307							
CONSEC 0072	MONTH 05	SHIP EV	WET GULB 11.7	16 2 3	WIND-SPO 16	TRACE DIR 0	5 SQUARE 1							
LAT 44 04 N	DAY 13	DATA USE 1	BAROMETER 1024.3	SEA	WIND-FDR	DURATION	2 SQUARE 20							
LONG 050 30.5E	CDR 03.5	AREA 05	CLOUD 1/A	CL/7R	WEATHER X4	ORIG 011 257	1 SQUARE 20							
CASNO4/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNQ VEL	OXYG	P04	TOT P"	N02	N03	S103	PH
03.5	STO	00000	06.25	32.87	25.86	00.000	1473.3							
	005	00001	06.25	32.870	25.86		1473.3							
	005	00005	06.37	32.855	25.87		1472.6							
	STO	00010	05.75	32.86	25.92	00.021	1471.4							
	005	00011	05.66	32.863	25.93		1471.1							
	005	00013	05.56	32.860	25.94		1470.7							
	005	00017	04.22	32.587	26.19		1465.4							
	005	00019	03.55	33.000	26.26		1462.7							
	STO	00020	03.46	33.07	26.33	00.040	1462.3							
	005	00020	03.42	33.130	26.38		1462.2							
005	00022	03.54	33.210	26.43		1462.9								
005	00026	03.89	33.663	26.53		1473.3								
STO	00030	05.50	33.66	26.54	00.056	1473.8								
005	00030	06.01	33.655	26.54		1473.9								
005	00034	06.17	33.825	26.63		1474.8								
005	00036	05.10	33.650	26.64		1470.6								
STO	00050	05.50	33.85	26.76	00.084	1472.4								
005	00054	05.54	33.655	26.76		1472.6								
005	00053	05.42	33.856	26.77		1472.1								
005	00060	05.53	34.220	26.97		1474.8								
005	00066	06.60	34.383	27.01		1477.8								
005	00068	06.88	34.440	27.02		1479.0								
STO	00075	07.62	34.57	27.01	00.114	1482.1								
005	00076	07.80	34.550	27.00		1482.9								
005	00081	07.86	34.587	26.99		1483.3								
005	00089	07.34	34.520	27.01		1481.2								
005	00095	06.81	34.415	27.00		1475.2								
STO	00100	06.79	34.41	27.00	00.141	1475.1								
005	00100	06.78	34.400	27.00		1475.1								
005	00115	06.47	34.350	27.03		1478.1								
STO	00125	06.99	34.53	27.07	00.167	1480.4								
005	00127	07.16	34.573	27.08		1481.2								
005	00140	07.07	34.583	27.10		1481.1								
005	00144	06.73	34.517	27.10		1479.7								
STO	00150	06.50	34.52	27.13	00.192	1478.9								
005	00150	06.49	34.515	27.13		1478.9								
005	00163	06.56	34.560	27.17		1475.4								
005	00169	07.02	34.713	27.21		1481.5								
005	00175	07.17	34.725	27.20		1482.2								
STO	00200	07.37	34.73	27.18	00.240	1483.4								
005	00203	07.40	34.735	27.17		1483.6								
005	00205	07.04	34.715	27.21		1482.2								
005	00211	06.84	34.710	27.23		1481.5								
005	00216	06.22	34.587	27.22		1479.0								
005	00220	06.14	34.580	27.22		1478.8								
005	00236	06.10	34.567	27.24		1475.1								
STO	00250	06.38	34.70	27.29	00.284	1480.3								
005	00251	06.40	34.740	27.25		1480.4								
005	00255	06.36	34.720	27.31		1480.3								
005	00260	06.04	34.687	27.32		1475.1								
STO	00276	06.11	34.723	27.34	00.324	1480.4								
005	00300	06.20	34.735	27.34		1480.5								
005	00325	05.37	34.700	27.42		1477.5								
005	00350	05.73	34.830	27.47		1479.5								
005	00375	05.85	34.860	27.48		1480.5								
STO	00400	05.39	34.85	27.53	00.394	1479.0								
005	00401	05.37	34.850	27.53		1478.9								
005	00426	05.31	34.870	27.56		1479.1								
005	00451	05.31	34.920	27.60		1479.6								
005	00475	05.34	34.947	27.61		1480.2								
STO	00500	05.23	34.94	27.62	00.452	1480.1								
005	00502	05.23	34.942	27.62		1480.2								
005	00525	05.24	34.947	27.63		1480.6								
005	00550	04.94	34.940	27.66		1479.8								
005	00576	04.76	34.930	27.67		1479.4								
STO	00600	04.76	34.94	27.68	00.504	1479.8								
005	00601	04.76	34.940	27.68		1479.9								
005	00626	04.71	34.917	27.66		1480.0								
005	00651	04.78	34.940	27.67		1480.8								
005	00675	04.78	34.940	27.67		1481.2								
STO	00700	04.65	34.95	27.65	00.553	1481.2								
005	00700	04.69	34.950	27.65		1481.2								
005	00725	04.67	35.000	27.75		1481.7								
005	00750	04.64	35.050	27.76		1481.9								
005	00776	04.60	35.030	27.77		1482.2								
STO	00800	04.55	35.000	27.77	00.599	1482.4								
005	00801	04.55	35.000	27.77		1482.4								
005	00826	04.54	35.027	27.77		1482.8								
005	00850	04.49	35.050	27.78		1483.0								
005	00883	04.40	35.020	27.78		1483.2								
STO	00900	04.38	35.02	27.78	00.641	1483.3								
005	00919	04.35	35.020	27.79		1483.6								
005	00927	04.38	35.020	27.78		1483.8								
005	00951	04.49	35.040	27.79		1484.7								
005	00976	04.46	35.037	27.75		1485.0								
STO	01000	04.39	35.03	27.79	00.683	1485.1								
005	01001	04.39	35.025	27.79		1485.1								
005	01018	04.33	35.060	27.79		1485.1								

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID	31	0355	YEAR	1973	BDTOP	03050	AIR TEMP	16.5	OIR	HGT	PER	WIND-OIR	10	INST	STD	RECORDER	TEN	SD	1307
CONSEC	0073		MONTH	05	SHIP	EV	WET	BULB	17.7	23	3	3	3	TRACE	DIA	0	5	SQJARE	1
LAT	41	51	N		DATA	USE	1	8400METER	1024.5	SEA		WIND-SPO	15	DURATION			2	SQJARE	30
LONG	353	29	W	MOJR	03.0	AREA	05	CLOUD	T/A	CL/TA		WEATHER	X1	ORIG	011	258	1	SQJARE	10
CASSTNOM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPH	SND	VEL	OXYG	P34	TOT	P	N02	N03	S103	PH		
	STD		03030	14.62	35.56	26.53	03.030	1506.9											
03.0	085		00001	14.62	35.560	26.53		1506.9											
	STD		00010	14.50	35.61	26.57		1506.7											
	085		00011	14.46	35.618	26.58	00.015	1506.6											
	STD		00020	14.12	35.63	26.67		1505.7											
	085		00020	14.10	35.630	26.67	03.025	1505.6											
	085		00022	14.07	35.620	26.67		1505.5											
	085		00024	13.54	35.530	26.69		1503.7											
	STD		00030	13.65	35.62	26.75	03.043	1504.4											
	085		00030	13.70	35.630	26.75		1504.5											
	STD		00050	13.45	35.62	26.79	03.069	1504.1											
	085		00051	13.47	35.618	26.79		1504.0											
	STD		00075	13.15	35.54	26.75	03.101	1503.4											
	085		00076	13.18	35.542	26.75		1503.4											
	STD		00100	12.84	35.55	26.67	00.132	1502.6											
	085		00133	12.82	35.555	26.88		1502.6											
	STD		00125	12.36	35.42	26.86	00.165	1501.3											
	085		00125	12.35	35.416	26.85		1501.3											
	STD		00150	12.40	35.500	26.96	03.192	1502.0											
	085		00152	12.42	35.550	26.95		1502.1											
	085		00156	12.65	35.617	26.96		1503.0											
	085		00165	12.63	35.617	26.95		1503.1											
	085		00175	12.34	35.540	26.96		1502.2											
	085		00175	12.30	35.530	26.95		1502.0											
	STD		00200	11.86	35.51	27.03	03.246	1500.9											
	085		00201	11.83	35.510	27.04		1500.8											
	085		00210	11.36	35.423	27.05		1499.5											
	085		00245	10.75	35.400	27.14		1497.6											
	STD		00250	10.75	35.35	27.15	03.300	1497.7											
	085		00255	10.53	35.28 P	27.100*													
	085		00277	09.82	35.240	27.19		1494.6											
	STD		00300	09.61	35.26	27.24	03.347	1494.2											
	085		00302	09.56	35.267	27.25		1494.1											
	085		00325	08.55	35.210	27.30		1492.3											
	085		00350	08.65	35.193	27.34		1491.4											
	085		00375	08.26	35.175	27.39		1490.3											
	085		00397	07.71	35.065	27.39		1488.4											
	STD		00400	07.67	35.07	27.40	00.431	1488.3											
	085		00401	07.64	35.070	27.40		1488.2											
	085		00420	07.26	35.070	27.46		1487.2											
	085		00451	06.75	35.070	27.55		1485.6											
	085		00475	06.55	35.065	27.55		1485.3											
	STD		00500	06.13	35.04	27.55	03.458	1485.8											
	085		00506	06.02	34.92 P	27.510*													
	085		00525	05.87	35.010	27.61		1485.2											
	085		00542	05.44	34.940	27.60		1481.7											
	085		00546	05.35	34.920	27.63		1483.1											
	085		00548	05.35	34.940	27.64		1480.2											
	085		00550	05.25	34.945	27.62		1481.2											
	085		00553	05.45 P	34.927	27.580*													
	085		00574	04.56	34.937	27.65		1480.2											
	085		00578	05.30 P	34.940	27.610*													
	085		00590	04.53	34.933	27.65		1480.4											
	STD		00600	05.12	34.94	27.63	00.553	1481.3											
	085		00603	05.17	34.937	27.63		1481.6											
	085		00620	05.28	35.030	27.65		1482.4											
	085		00626	05.16	35.030	27.70		1482.0											
	085		00635	04.78	34.86 P	27.610*													
	085		00641	04.56	34.933	27.65		1475.7											
	085		00651	04.53	34.933	27.65		1479.7											
	085		00664	04.52	34.930	27.70		1479.5											
	085		00677	04.59	35.033	27.72		1482.2											
	STD		00700	05.03	35.35	27.73	03.600	1482.7											
	085		00700	05.03	35.050	27.73		1482.6											
	085		00727	04.79	35.025	27.74		1482.2											
	085		00750	04.87	35.040	27.74		1482.5											
	085		00776	04.84	35.050	27.75		1483.2											
	STD		00800	04.83	35.04	27.75	03.649	1483.6											
	085		00801	04.83	35.040	27.75		1483.6											
	085		00826	04.60	35.055	27.76		1483.5											
	085		00850	04.75	35.050	27.77		1484.1											
	085		00875	04.68	35.050	27.77		1484.2											
	STD		00900	04.63	35.04	27.77	03.653	1484.4											
	085		00900	04.63	35.040	27.77		1484.4											
	085		00925	04.58	35.040	27.78		1484.6											
	085		00951	04.62	35.055	27.78		1485.3											
	085		00976	04.59	35.050	27.78		1485.6											
	STD		01000	04.54	35.05	27.79	00.737	1485.7											
	085		01000	04.53	35.045	27.75		1485.7											

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 0000	YEAR 1973	BDTDP 03070	AIR TEMP 17.0	DIR MGT PER	WIND-DIR 18	INST STD RECORDER	TEY 50 1330
CONSEC 0070	MONTH 05	SMIP EV	WET BULB 16.0	21 1 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 41 51 N	DAY 15	DATA USE 1	BAROMETR 1024.2	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 053 27 W	MOOR 06.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	DRIG 011 259	1 SQUARE 10

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDP7M	SND VEL	OXYO	PD4	TOT P	MD2	MD3	SIG3	P4
06.4	STD	00000	15.45	35.87	26.56	00.000	1505.9							
	085	00005	15.45	35.870	26.56		1510.0							
	STD	00010	15.25	35.81	26.55	00.015	1509.5							
	065	00011	15.24	35.800	26.55		1505.3							
	STD	00020	15.03	35.66	26.65	00.025	1508.9							
	065	00020	14.95	35.870	26.66		1506.8							
	STD	00030	14.44	35.76	26.71	00.043	1506.9							
	065	00030	14.39	35.760	26.71		1506.9							
	085	00034	14.25	35.750	26.73		1506.5							
	065	00036	14.04	35.730	26.76		1505.8							
	STD	00050	13.77	35.72	26.81	00.069	1505.1							
	085	00051	13.75	35.720	26.81		1505.1							
	STD	00075	13.77	35.75	26.64	00.101	1505.6							
	085	00076	13.77	35.755	26.64		1505.6							
	085	00097	13.56	35.730	26.86		1505.2							
	STD	00100	13.66	35.75	26.65	00.132	1505.6							
	085	00100	13.65	35.755	26.85		1505.8							
	STD	00125	13.62	35.73	26.85	00.163	1505.9							
	085	00125	13.64	35.730	26.85		1505.9							
	065	00135	13.50	35.710	26.86		1505.6							
	085	00142	13.36	35.615	26.87		1504.2							
	065	00144	13.32	35.603	26.87		1504.1							
	085	00148	12.76	35.545	26.88		1503.2							
	STD	00150	12.72	35.54	26.89	00.195	1503.1							
	065	00150	12.71	35.544	26.89		1503.0							
	065	00175	12.42	35.520	26.95		1502.4							
	STD	00200	12.47	35.54	26.94	00.253	1503.0							
	065	00201	12.47	35.535	26.94		1503.1							
	085	00226	12.17	35.550	27.00		1502.5							
	085	00235	11.53	35.520	27.02		1501.8							
	STD	00250	11.76	35.46	27.01	00.311	1501.4							
	085	00256	11.65	35.425	27.01		1501.0							
	085	00276	11.27	35.405	27.06		1500.0							
	065	00298	10.78	35.380	27.13		1498.6							
	STD	00300	10.73	35.36	27.13	00.364	1498.4							
	065	00306	10.45	35.290	27.12		1497.4							
	085	00329	09.64	35.270	27.19		1496.0							
	085	00350	09.51	35.220	27.23		1494.6							
	085	00375	09.15	35.200	27.27		1493.7							
	STD	00400	08.61	35.20	27.32	00.457	1492.8							
	085	00401	08.75	35.200	27.33		1492.8							
	065	00426	08.35	35.160	27.37		1491.5							
	065	00437	08.19	35.170	27.40		1491.1							
	065	00454	07.73	35.070	27.39		1489.5							
	065	00475	07.43	35.080	27.43		1488.6							
	STD	00500	06.99	35.08	27.50	00.533	1487.3							
	085	00500	06.98	35.080	27.51		1487.3							
	085	00525	06.56	35.030	27.52		1486.0							
	065	00534	06.37	35.020	27.54		1485.4							
	085	00552	05.61	34.945	27.55		1483.3							
	085	00573	05.51	34.900	27.56		1482.4							
	065	00576	05.45	34.930	27.59		1482.3							
	085	00588	05.49	34.940	27.59		1482.6							
	065	00592	05.23	34.900	27.59		1481.6							
	STD	00600	05.34	34.94	27.61	00.595	1482.2							
	065	00601	05.35	34.940	27.61		1482.3							
	065	00626	05.24	34.920	27.60		1482.2							
	065	00651	05.12	34.935	27.63		1482.2							
	085	00675	05.16	34.935	27.63		1482.7							
	STD	00700	04.65	34.94	27.65	00.650	1482.3							
	085	00702	04.64	34.937	27.65		1482.3							
	085	00725	04.62	34.920	27.64		1482.5							
	065	00750	04.60	34.933	27.67		1482.5							
	STD	00800	04.76	34.93	27.67	00.703	1483.1							
	085	00828	04.74	34.940	27.68		1483.5							
	065	00852	04.62	34.950	27.70		1483.5							
	085	00877	04.58	34.950	27.71		1483.7							
	STD	00900	04.50	34.94	27.71	00.753	1483.7							
	085	00903	04.50	34.940	27.71		1483.7							
	085	00961	04.49	34.940	27.71		1484.7							
	085	00976	04.48	34.930	27.71		1484.5							
	STD	01000	04.40	34.94	27.72	00.803	1485.0							
	085	01001	04.40	34.940	27.72		1485.0							
	065	01007	04.37	34.930	27.71		1485.0							
	065	01048	04.36	34.942	27.72		1485.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 0155 YEAR 1973 BCTOP 01410 AIR TEMP 18.3 OIR HGT PER WIND-OIR 33 INST STO RECORER TEN SJ 1307
CONSEC 0375 MONTH 05 SHIP EV MET 8ULB 16.6 22 2 2 WIND-SPO 10 TRACE OIR 0 5 SQUARE 1
LAT 41 03 N DAY 13 DATA USE 1 EAKMETR 1024.4 SEA 54 WIND-FOR 0URATION 2 SQUARE 00
LONG 050 19 W HOUR 05.7 AREA 05 CLOUD T/A CL/TK WEATHER X2 DRIG 011 200 1 SQUARE 10

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYG	P34	TOT P	NO2	NO3	SIO3	PH
09.7	STD	00000	15.16	35.74	26.52	00.000	1508.8							
	DBS	00001	15.16	35.740	26.52		1508.8							
	STD	00010	15.16	35.74	26.52	00.015	1509.0							
	DBS	00011	15.16	35.740	26.52		1509.0							
	STD	00020	14.64	35.75	26.60	00.030	1508.1							
	DBS	00021	14.62	35.752	26.61		1508.1							
	STD	00030	14.68	35.73	26.62	00.044	1507.8							
	DBS	00031	14.66	35.730	26.63		1507.7							
	DBS	00044	14.45	35.723	26.67		1507.1							
	DBS	00038	14.36	35.732	26.69		1506.9							
	DBS	00040	14.22	35.710	26.71		1506.4							
	STD	00050	13.65	35.617	26.75	00.072	1504.8							
	DBS	00051	13.65	35.617	26.75		1504.6							
	STD	00075	14.00	35.74	26.77	00.105	1506.3							
	DBS	00076	14.01	35.742	26.78		1506.4							
	STD	00100	14.00	35.76	26.79	00.137	1506.8							
	DBS	00100	14.00	35.760	26.79		1506.8							
	STD	00125	14.05	35.76	26.77	00.170	1507.4							
	DBS	00125	14.05	35.85 P	26.840									
	STD	00150	13.98	35.75	26.79	00.203	1507.5							
	DBS	00150	13.98	35.750	26.79		1507.5							
	DBS	00175	13.61	35.755	26.83		1507.4							
	DBS	00192	13.39	35.610	26.80		1506.1							
	STD	00200	13.24	35.61	26.84	00.268	1505.7							
	DBS	00201	13.21	35.614	26.84		1505.6							
	DBS	00226	13.03	35.630	26.89		1505.5							
	STD	00250	12.85	35.61	26.91	00.330	1505.4							
	DBS	00251	12.86	35.610	26.91		1505.3							
	DBS	00276	12.68	35.617	26.95		1505.1							
	STD	00300	12.31	35.55	26.97	00.390	1504.2							
	DBS	00302	12.27	35.545	26.98		1504.0							
	DBS	00325	11.87	35.550	27.06		1503.1							
	DBS	00329	11.76	35.510	27.05		1502.7							
	DBS	00338	11.45	35.417	27.04		1501.6							
	DBS	00350	11.10	35.410	27.09		1500.6							
	DBS	00375	10.54	35.375	27.17		1499.0							
	STD	00400	09.55	35.28	27.20	00.497	1497.1							
	DBS	00401	09.52	35.275	27.20		1497.0							
	DBS	00426	09.61	35.270	27.25		1496.3							
	DBS	00432	09.51	35.260	27.27		1496.0							
	DBS	00453	09.05	35.205	27.28		1494.7							
	DBS	00475	08.74	35.200	27.34		1493.8							
	STD	00500	08.25	35.17	27.38	00.586	1492.5							
	DBS	00500	08.26	35.167	27.38		1492.4							
	DBS	00525	07.93	35.133	27.41		1491.5							
	DBS	00550	07.44	35.080	27.43		1490.1							
	DBS	00576	06.98	35.070	27.50		1488.6							
	STD	00600	06.67	35.07	27.54	00.658	1487.7							
	DBS	00601	06.65	35.065	27.54		1487.7							
	DBS	00626	06.23	35.050	27.58		1486.4							
	DBS	00651	05.94	35.035	27.61		1485.6							
	DBS	00670	05.48	34.91 P	27.570									
	DBS	00675	05.36	34.933	27.60		1485.5							
	STD	00700	05.31	34.93	27.60	00.720	1485.7							
	DBS	00700	05.31	34.925	27.60		1485.7							
	DBS	00725	05.06	34.920	27.63		1483.1							
	DBS	00750	05.17	35.033	27.70		1484.1							
	DBS	00776	05.11	35.030	27.71		1484.3							
	STD	00800	05.00	35.02	27.71	00.774	1484.2							
	DBS	00801	04.99	35.020	27.71		1484.2							
	DBS	00826	04.61	35.020	27.73		1483.9							
	DBS	00850	04.63	35.010	27.73		1484.4							
	DBS	00875	04.63	35.040	27.75		1484.8							
	STD	00900	04.70	35.04	27.76	00.821	1485.0							
	DBS	00900	04.70	35.040	27.76		1485.0							
	DBS	00925	04.67	35.030	27.76		1485.0							
	DBS	00951	04.60	35.033	27.76		1485.4							
	DBS	00976	04.67	35.044	27.77		1485.9							
	STD	01000	04.61	35.04	27.77	00.860	1486.0							
	DBS	01003	04.60	35.040	27.77		1486.0							
	DBS	01014	04.56	35.040	27.76		1486.1							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 0355	YEAR 1973	QDTP 03601	AIR TEMP 12.5	DIR HGT PER	WIND-DIR 17	INST STO RECORDER	TEA SO 1306
CONSEC 0076	MONTH 05	SHIP EV	WET GULB 12.5	20 2 2	WIND-SPD 13	TRACE OTR 0	5 SQUARE 2
LAT 41 41.54	DAY 13	DATA USE 1	BARUMETR 1024.6	SEA	WIND-FOR	OURATION	2 SQUARE 06
LONG 047 40.54	MOJR 20.5	AREA 05	CLOUD T/A	CL/TR	WEATHER 14	ORIG 014 261	1 SQUARE 17

CSTATION/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	N02	N03	SIG3	PH
03.5	STD	00000	07.32	33.51	26.06	00.000	1476.1							
	085	00001	07.32	33.507	26.06		1478.1							
	085	00005	07.26	33.520	26.08		1478.0							
	STD	00010	06.63	33.330	26.16	00.015	1475.4							
	085	00011	06.47	33.303	26.17		1474.9							
	085	00015	06.36	33.300	26.16		1474.5							
	085	00019	05.10	33.147	26.26		1469.3							
	085	00017	04.84	33.433	26.47		1466.6							
	STD	00020	04.70	33.44	26.45	00.036	1468.0							
	085	00023	04.56	33.443	26.51		1467.5							
	STD	00030	04.15	33.51	26.61	00.051	1466.0							
	085	00030	04.13	33.520	26.62		1465.9							
	085	00038	03.51	33.610	26.71		1465.2							
	085	00040	03.76	33.622	26.74		1464.7							
	085	00041	03.76	33.640	26.75		1464.8							
	085	00043	03.58	33.773	26.83		1465.8							
	085	00047	04.78	33.540	26.86		1469.5							
	STD	00050	06.11	34.15	26.88	00.077	1475.2							
	085	00051	06.66	34.230	26.88		1477.5							
	085	00059	07.24	34.330	26.87		1460.2							
	085	00057	07.25	34.315	26.86		1460.2							
	085	00064	05.63	34.050	26.87		1473.4							
	085	00066	05.02	33.953	26.89		1470.8							
	085	00068	05.04	34.130	27.00		1471.1							
	085	00072	05.58	34.230	27.01		1473.5							
	085	00074	06.20	34.330	27.02		1476.2							
	STD	00075	06.20	34.33	27.02	00.105	1476.2							
	085	00076	06.20	34.330	27.02		1476.2							
	085	00079	06.36	34.342	27.01		1477.0							
	085	00083	06.11	34.343	27.04		1476.0							
	085	00085	06.73	34.533	27.11		1476.8							
	085	00095	06.86	34.258	27.11		1479.6							
	085	00097	06.92	34.545	27.09		1475.7							
	085	00099	06.85	34.540	27.10		1475.4							
	STD	00100	06.72	34.51	27.10	00.131	1476.4							
	085	00102	06.45	34.453	27.08		1477.8							
	STD	00105	06.60	34.54	27.14	00.155	1478.9							
	085	00105	06.60	34.546	27.14		1478.5							
	085	00146	06.70	34.567	27.14		1475.7							
	STD	00150	06.64	34.61	27.15	00.179	1480.4							
	085	00150	07.01	34.660	27.17		1461.1							
	085	00159	07.23	34.700	27.18		1482.4							
	085	00163	06.46	34.542	27.15		1479.0							
	085	00173	07.08	34.670	27.17		1461.8							
	085	00175	06.57	34.680	27.15		1461.4							
	085	00196	06.56	34.762	27.27		1461.5							
	STD	00200	06.54	34.78	27.27	00.224	1462.0							
	085	00203	07.14	34.815	27.27		1462.7							
	085	00207	07.46	34.860	27.26		1464.1							
	085	00210	07.46	34.860	27.25		1464.3							
	085	00220	06.54	34.836	27.30		1462.3							
	085	00230	06.41	34.697	27.28		1480.1							
	STD	00250	06.21	34.77	27.37	00.264	1475.7							
	085	00251	06.23	34.783	27.37		1475.7							
	085	00258	06.36	34.620	27.38		1480.5							
	085	00264	06.73	34.853	27.39		1482.2							
	085	00276	06.60	34.855	27.38		1482.7							
	085	00296	06.52	34.910	27.43		1481.9							
	STD	00300	06.68	34.94	27.43	00.300	1482.7							
	085	00304	07.23	35.030	27.43		1485.0							
	085	00327	06.55	34.545	27.45		1482.7							
	085	00331	06.57	34.585	27.45		1482.8							
	085	00336	06.53	35.000	27.53		1481.5							
	085	00350	06.32	34.590	27.52		1482.1							
	085	00375	06.35	35.03 P	27.550									
	085	00386	06.33	35.000	27.53		1482.8							
	085	00390	06.02	35.000	27.57		1461.6							
	STD	00400	05.65	35.00	27.55	00.363	1481.2							
	085	00401	05.87	35.003	27.55		1481.2							
	085	00426	05.63	34.995	27.61		1480.7							
	085	00443	05.44	34.950	27.64		1480.0							
	085	00449	04.96	34.855	27.62		1478.1							
	085	00451	04.92	34.875	27.61		1477.9							
	085	00475	04.88	34.900	27.63		1478.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA														
CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
ST0	00500	05.00	34.50	27.62		00.419	1475.1							
085	00500	05.00	34.900	27.62			1475.1							
085	00525	04.77	34.910	27.65			1478.6							
085	00550	04.76	34.880	27.63			1478.9							
085	00576	04.67	34.880	27.64			1479.0							
ST0	00600	04.50	34.90	27.67		00.470	1478.7							
085	00601	04.50	34.900	27.67			1478.7							
085	00626	04.61	34.855	27.66			1479.6							
085	00651	04.40	34.910	27.69			1479.1							
085	00675	04.41	34.880	27.67			1479.6							
ST0	00700	04.52	34.91	27.68		00.520	1480.4							
085	00700	04.52	34.910	27.68			1480.5							
085	00725	04.71	35.015	27.74			1481.8							
085	00750	04.77	35.025	27.74			1482.5							
085	00776	04.65	35.015	27.75			1482.4							
ST0	00800	04.63	35.02	27.75		00.567	1482.8							
085	00801	04.63	35.020	27.75			1482.8							
085	00826	04.60	35.010	27.75			1483.0							
085	00850	04.54	35.010	27.76			1483.2							
085	00875	04.47	34.965	27.75			1483.3							
ST0	00900	04.36	34.96	27.76		00.612	1483.4							
085	00900	04.34	34.950	27.76			1483.4							
085	00925	04.51	35.017	27.77			1484.3							
085	00951	04.46	35.010	27.76			1484.7							
085	00976	04.42	35.010	27.77			1484.6							
ST0	01000	04.43	35.02	27.77		00.656	1485.3							
085	01001	04.43	35.020	27.77			1485.3							
085	01020	04.45	35.020	27.77			1485.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A

REFID 36 0055	YEAR 1973	BOTCP 00572	AIR TEMP 11.0	OIR MGT PER	WIND-OIR 15	INST STD RECORDER	TEN SQ 1306
CO4SEC 0077	MONTH 05	SHIP EV	NET BULD 10.6	17 0 2	WIND-SPO 16	TRACE OIR 0	5 SQUARE 2
LAT 36.34	DAY 14	DATA USE 1	BAROMETR 1024.1	SEA	WIND-FDA	DURATION	2 SQUARE 08
LONG 076 05 W	MOJY 00.1	AREA 05	CLOUD T/A	CL77R	WEATHER 14	ORIG 0.1 062	1 SQUARE 18

CASHTIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OKYG	PO4	TOT P=	NO2	NO3	S133	PM
00.1	STD	00000	26.55	35.31	26.18	00.000	1475.1							
	085	00001	26.55	35.320	26.18		1475.1							
	085	00003	26.55	35.310	26.17		1475.1							
	ST	00010	26.57	35.42	26.24	00.018	1475.9							
	085	00013	26.70	35.503	26.34		1476.4							
	085	00015	26.66	35.470	26.44		1476.2							
	ST	00020	26.61	35.70	26.49	00.035	1477.1							
	085	00020	26.54	35.820	26.52		1477.5							
	085	00022	27.19	34.000	26.63		1478.9							
	085	00026	28.01	34.440	26.70		1482.4							
	085	00028	28.51	34.460	26.73		1486.1							
	ST0	00030	29.09	34.52	26.75	00.049	1486.9							
	085	00030	29.11	34.550	26.75		1487.4							
	085	00032	29.53	34.680	26.73		1490.3							
	085	00036	29.03	34.500	26.74		1486.9							
	085	00043	29.01	34.540	26.81		1486.2							
	085	00047	29.16	34.660	26.85		1487.6							
	085	00049	29.21	34.660	26.84		1487.9							
	ST0	00050	29.41	34.71	26.85	00.075	1488.7							
	085	00051	29.65	34.830	26.86		1490.5							
	085	00055	30.07	34.950	26.92		1491.5							
	085	00057	30.44	35.030	26.91		1493.1							
	085	00060	30.62	35.020	26.88		1493.6							
	085	00064	29.92	34.880	26.89		1491.0							
	085	00068	29.65	34.815	26.89		1490.0							
	085	00070	29.24	34.768	26.92		1488.5							
	ST0	00075	29.02	34.75	26.97	00.104	1487.7							
	085	00076	28.69	34.787	26.97		1487.6							
	085	00078	28.97	34.780	26.97		1487.6							
	085	00087	28.48	34.557	26.99		1477.0							
	085	00091	29.08	34.253	27.00		1475.1							
	085	00093	29.49	34.200	27.01		1473.5							
	085	00097	29.23	34.220	27.05		1472.5							
	085	00099	29.53	34.340	27.11		1475.8							
	ST0	00100	29.87	34.41	27.12	00.130	1475.4							
	085	00100	29.19	34.460	27.12		1476.4							
	ST0	00125	28.55	34.48	27.09	00.154	1478.6							
	085	00123	28.55	34.483	27.09		1478.7							
	085	00135	28.52	34.477	27.09		1478.7							
	085	00140	28.21	34.388	27.06		1477.4							
	085	00142	29.69	34.350	27.10		1475.3							
	ST0	00150	29.69	34.34	27.09	00.179	1475.3							
	085	00150	29.65	34.337	27.09		1475.3							
	085	00165	29.48	34.331	27.11		1474.8							
	085	00171	29.59	34.290	27.14		1472.7							
	085	00173	29.34	34.350	27.15		1474.4							
	085	00177	29.17	34.350	27.12		1474.5							
	085	00184	29.00	34.313	27.15		1473.1							
	085	00192	29.09	34.275	27.16		1474.9							
	ST0	00200	29.53	34.29	27.14	00.226	1473.0							
	085	00201	29.54	34.303	27.15		1473.3							
	085	00209	29.68	34.335	27.18		1472.0							
	085	00209	29.47	34.460	27.23		1475.7							
	085	00217	29.55	34.605	27.22		1479.5							
	085	00218	29.75	34.600	27.22		1481.2							
	085	00226	29.94	34.690	27.20		1482.1							
	085	00243	29.52	34.630	27.21		1480.7							
	ST0	00250	29.94	34.51	27.20	00.275	1478.5							
	085	00251	29.61	34.450	27.20		1477.0							
	085	00258	29.58	34.540	27.18		1474.5							
	085	00264	29.57	34.550	27.19		1474.4							
	085	00266	29.13	34.535	27.32		1475.2							
	085	00274	27.28	34.895	27.32		1484.5							
	085	00276	27.29	34.885	27.31		1484.6							
	085	00279	27.51	34.880	27.30		1484.7							
	085	00285	28.03	35.025	27.31		1487.6							
	085	00287	28.07	35.035	27.31		1488.0							
	085	00293	28.59	34.822	27.30		1483.6							
	ST0	00300	28.43	34.76	27.35	00.317	1481.4							
	085	00300	28.58	34.785	27.35		1481.3							
	085	00312	28.17	34.780	27.38		1480.0							
	085	00316	28.26	34.780	27.37		1481.0							
	085	00325	28.17	34.830	27.42		1480.9							
	085	00346	28.18	34.830	27.42		1481.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N G O L S T A T I O N D A T A														
CASINUMTIME	LVLTYPE	DEPTH	TEMP	SAL	SIGMA-T	CHLOROPHY	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
065	00352	05.40	34.765	27.42			1480.2							
065	00359	05.45	34.655	27.40			1478.4							
065	00371	04.90	34.650	27.44			1470.0							
065	00375	04.52	34.560	27.40			1474.0							
065	00378	04.40	34.545	27.40			1474.2							
065	00384	04.00	34.680	27.46			1476.3							
065	00386	05.00	34.700	27.46			1477.1							
065	00390	04.72	34.600	27.46			1475.9							
065	00400	04.40	34.67	27.50		00.380	1474.7							
065	00401	04.36	34.670	27.51			1474.5							
065	00410	04.20	34.670	27.52			1474.4							
065	00420	04.00	34.695	27.50			1476.0							
065	00439	04.70	34.660	27.55			1470.8							
065	00445	05.15	34.663	27.54			1478.8							
065	00449	05.22	34.890	27.56			1475.2							
065	00460	06.32	35.155	27.65			1464.1							
065	00475	06.57	35.170	27.65			1465.4							
065	00500	06.34	35.14	27.65		00.447	1464.8							
065	00503	06.32	35.120	27.62			1484.8							
065	00506	05.54	35.040	27.61			1483.3							
065	00521	05.05	35.020	27.65			1462.3							
065	00529	04.05	34.890	27.65			1479.0							
065	00544	04.00	34.800	27.62			1478.4							
065	00553	04.00	34.680	27.62			1479.4							
065	00570	05.14	34.990	27.60			1481.0							
065	00600	05.00	35.00	27.65		00.459	1481.2							
065	00601	05.00	35.000	27.65			1481.1							
065	00620	05.15	35.035	27.70			1482.0							
065	00651	05.30	35.040	27.68			1483.4							
065	00675	05.31	35.040	27.67			1483.4							
065	00700	05.31	35.02	27.68		00.549	1483.9							
065	00703	05.31	35.020	27.68			1483.9							
065	00725	05.47	35.040	27.71			1483.7							
065	00750	04.97	35.015	27.71			1483.3							
065	00770	04.93	35.020	27.72			1483.6							
065	00800	04.03	35.03	27.74		00.557	1483.5							
065	00801	04.02	35.030	27.74			1483.5							
065	00820	04.70	35.040	27.76			1483.6							
065	00850	04.00	35.030	27.76			1483.8							
065	00875	04.04	35.030	27.76			1484.0							
065	00900	04.01	35.03	27.77		00.640	1484.3							
065	00900	04.01	35.030	27.77			1484.3							
065	00925	04.38	35.025	27.76			1484.6							
065	00951	04.52	35.020	27.77			1484.8							
065	00970	04.47	35.010	27.76			1485.0							
065	01000	04.42	35.01	27.77		00.687	1485.2							
065	01001	04.42	35.010	27.77			1485.2							
065	01016	04.39	35.010	27.77			1485.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REF ID: 31 0000	YEAR: 1973	SHIP: USCGC	AIR TEMP: 11.0	DIR HGT PER: 18 1 1	WIND-DIR: 20	INST STD RECORDED: 0	TEN SQ: 1506
CONSEC: 0078	MONTH: 05	SHIP EV: 1	MET BULB: 10.3	SEA: 1	WIND-SPD: 16	TRACE DIR: 0	5 SQUARE: 2
LAT: 42 25 N	DAY: 14	DATA USE: 1	BAROMETR: 1022.3	CL/TH: 1	WIND-FOR: 14	DURATION: 1	2 SQUARE: 28
LONG: 73 23 W	MOOR: 24	AREA: 35	CLOUD: T/A		WEATHER: 14	ORIG: 011 263	1 SQUARE: 28

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNJ VEL	OXYG	PO4	TOT P	NO2	NO3	SID3	PH
0000	STD	00000	00.32	34.13	20.50	00.000	1483.0							
	005	00005	00.32	34.13	20.50		1483.1							
	005	00010	00.31	34.13	20.50		1483.1							
	005	00015	00.30	34.13	20.70		1485.0							
	STD	00020	00.37	34.14	20.71	00.014	1486.0							
	005	00025	00.39	34.15	20.72		1487.0							
	005	00030	11.49	35.02	20.72		1490.0							
	STD	00035	11.55	35.14	20.73	00.026	1497.0							
	005	00040	11.59	35.15	20.73		1496.0							
	005	00045	11.57	35.14	20.72		1497.5							
	STD	00050	10.14	34.74	20.74	00.041	1491.0							
	005	00055	10.30	34.69	20.72		1493.7							
	005	00100	10.00	34.67	20.72		1493.5							
	005	00105	09.00	34.46	20.72		1486.6							
	005	00110	08.54	34.47	20.75		1486.5							
	005	00115	09.16	34.67	20.86		1487.6							
	005	00120	10.77	35.05	20.87		1494.0							
	005	00125	11.00	35.13	20.88		1495.2							
	STD	00130	11.06	35.13	20.88	00.060	1495.2							
	005	00135	11.07	35.13	20.88		1495.2							
	005	00140	11.15	35.16	20.89		1495.7							
	005	00145	11.45	35.25	20.89		1496.9							
	005	00150	11.47	35.27	20.88		1497.3							
	005	00155	11.00	35.05	20.85		1495.5							
	005	00160	11.61	35.30	20.86		1493.6							
	STD	00165	10.57	35.02	20.89	00.096	1493.7							
	005	00170	10.51	35.03	20.91		1493.5							
	005	00175	10.00	34.91	20.89		1491.6							
	005	00180	10.00	34.80	20.87		1491.7							
	005	00185	11.77	35.18	20.98		1495.0							
	STD	00190	10.74	35.10	20.97	00.125	1494.5							
	005	00195	10.74	35.15	20.96		1494.5							
	005	00200	08.89	34.81	27.01		1487.8							
	005	00205	08.60	34.85	27.05		1487.2							
	005	00210	08.05	34.69	27.04		1484.6							
	STD	00215	08.04	34.67	27.03	00.152	1484.7							
	005	00220	08.03	34.67	27.03		1484.7							
	005	00225	07.94	34.65	27.03		1484.4							
	005	00230	07.46	34.50	27.02		1482.5							
	005	00235	07.23	34.50	27.05		1481.7							
	005	00240	06.54	34.43	27.09		1479.0							
	STD	00245	06.52	34.48	27.05	00.176	1478.9							
	005	00250	06.52	34.48	27.10		1478.9							
	005	00255	06.53	34.48	27.10		1479.2							
	005	00260	06.29	34.47	27.12		1478.2							
	005	00265	06.07	34.53	27.11		1480.3							
	STD	00270	06.37	34.49	27.12	00.227	1479.2							
	005	00275	06.30	34.47	27.12		1479.4							
	005	00280	06.13	34.45	27.12		1478.6							
	005	00285	05.54	34.34	27.11		1476.4							
	STD	00290	05.54	34.34	27.11	00.277	1476.4							
	005	00295	05.52	34.33	27.11		1476.4							
	005	00300	05.52	34.30	27.10		1475.6							
	005	00305	05.19	34.32	27.14		1475.2							
	005	00310	06.81	34.63	27.17		1482.3							
	005	00315	06.25	34.54	27.17		1480.2							
	005	00320	06.29	34.55	27.16		1480.2							
	005	00325	05.79	34.40	27.17		1478.2							
	005	00330	05.77	34.40	27.18		1476.2							
	005	00335	06.31	34.56	27.15		1480.5							
	005	00340	07.78	34.88	27.24		1486.8							
	STD	00345	07.80	34.88	27.25	00.324	1486.5							
	005	00350	07.81	34.86	27.23		1487.0							
	005	00355	08.65	34.50	27.24		1487.2							
	005	00360	08.44	35.00	27.23		1489.8							
	005	00365	08.00	35.01	27.29		1486.5							
	005	00370	07.68	34.99	27.29		1488.3							
	005	00375	07.55	34.91	27.29		1486.6							
	005	00380	07.51	34.94	27.30		1486.5							
	005	00385	07.23	34.80	27.27		1485.1							
	005	00390	07.13	34.67	27.32		1486.2							
	005	00395	07.85	35.03	27.34									
	005	00400	07.58	34.95	27.35									

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA														
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SND VEL	OR YG	PO4	TOT P	NO2	NO3	SIO3	PH
065	00367	07.22	34.690	27.32	*		1485.8							
065	00373	06.84	34.815	27.52			1484.5							
065	00375	06.79	34.830	27.33			1484.2							
STO	00400	06.51	34.65	27.40		00.407	1482.7							
065	00401	06.50	34.653	27.40			1482.7							
065	00420	06.40	34.845	27.43			1483.7							
065	00424	05.80	34.820	27.45			1481.5							
065	00426	05.80	34.625	27.40			1481.4							
065	00428	05.99	34.690	27.45			1481.4							
065	00437	05.84	34.675	27.50			1481.5							
065	00441	06.24	34.440	27.53			1483.3							
065	00447	06.39	34.445	27.52			1484.0							
065	00454	06.41	35.066	27.52			1480.3							
065	00475	07.03	35.160	27.50			1487.2							
065	00493	06.65	35.130	27.56			1480.7							
STO	00500	05.78	34.45	27.56		00.474	1482.4							
065	00504	05.49	34.890	27.55			1481.2							
065	00506	05.47	34.880	27.55			1481.1							
065	00510	04.90	34.620	27.50			1475.0							
065	00525	05.23	34.900	27.60			1480.1							
065	00550	05.70	35.015	27.62			1482.9							
065	00576	05.80	35.037	27.62			1484.1							
STO	00600	05.70	35.02	27.62		00.535	1484.1							
065	00601	05.77	35.020	27.62			1484.1							
065	00628	05.55	35.030	27.65			1485.7							
065	00651	05.52	35.040	27.67			1483.9							
065	00675	05.45	35.020	27.66			1484.0							
STO	00700	05.30	35.04	27.66		00.567	1484.1							
065	00700	05.30	35.040	27.69			1484.1							
065	00725	05.27	35.030	27.69			1484.1							
065	00750	05.12	35.020	27.70			1485.9							
065	00770	05.02	35.020	27.71			1483.9							
STO	00800	05.02	35.03	27.72		00.656	1484.3							
065	00801	05.02	35.030	27.72			1484.4							
065	00826	04.79	35.015	27.73			1485.8							
065	00850	04.84	35.010	27.75			1483.5							
065	00875	04.57	35.010	27.75			1483.7							
STO	00900	04.59	35.01	27.75		00.685	1484.2							
065	00900	04.59	35.010	27.75			1484.2							
065	00925	04.61	35.030	27.77			1484.7							
065	00951	04.39	35.020	27.76			1485.1							
065	00970	04.50	35.020	27.76			1485.4							
STO	01000	04.55	35.02	27.76		00.728	1485.7							
065	01001	04.55	35.020	27.76			1485.7							
065	01010	04.53	35.020	27.77			1485.8							
065	01018	04.54	35.020	27.76			1486.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A														
REFID 31 8555	YEAR 1973	BOATOP 05060	AIR TEMP 11.0	DJA HGT PER	WIND-DIR 21	INST STO RECDROER	TEN SD 1306							
CONSEC 0075	MONTH 05	SHIP EV	WET BULB 13.3	18 0 2	WIND-SPO 15	TRACE DIR 0	5 SQUARE 2							
LAT 42 36 N	DAY 14	DATA USE 1	BAROMETR 1021.7	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 046 37 W	HOUR 07.0	AREA 05	CLUDD T/A	CL/TR	WEATHER X4	ORIG 011 264	1 SQUARE 28							
CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	PO4	TOT P	NO2	NO3	SIG3	PH
07.0	STO	00300	33.76	34.31	26.40	00.000	1484.6							
	085	00301	38.76	34.310	26.40		1484.8							
	085	00303	38.77	33.968	26.38		1484.6							
	085	00305	38.75	34.105	26.47		1484.9							
	STO	00310	11.45	35.00	26.61	00.015	1497.6							
	085	00317	14.53	35.714	26.64		1507.1							
	STO	00320	14.50	35.70	26.64	00.030	1507.0							
	085	00320	14.44	35.700	26.64		1507.0							
	085	00324	13.33	35.380	26.64		1502.9							
	085	00326	12.58	35.203	26.65		1500.1							
	STO	00330	12.51	35.12	26.68	00.044	1500.0							
	085	00330	12.49	35.220	26.69		1499.8							
	085	00336	10.56	34.853	26.68		1494.2							
	085	00336	10.79	34.820	26.65		1493.6							
	085	00341	11.05	34.532	26.73		1494.9							
	085	00347	10.27	34.645	26.80		1494.9							
	STO	00350	10.73	34.56	26.83	00.070	1493.8							
	085	00351	11.03	35.070	26.84		1495.0							
	085	00355	11.56	35.347	26.88		1498.7							
	085	00360	11.54	35.330	26.88		1498.7							
	085	00364	11.44	35.240	26.86		1497.7							
	STO	00375	11.75	35.32	26.90	00.100	1498.4							
	085	00376	11.52	35.357	26.90		1498.5							
	085	00375	12.54	35.507	26.89		1501.3							
	085	00381	12.58	35.510	26.89		1501.4							
	085	00383	12.86	35.582	26.89		1502.6							
	STO	00100	12.71	35.55	26.92	00.125	1502.3							
	085	00100	12.70	35.550	26.93		1502.3							
	085	00106	12.60	35.570	26.93		1502.0							
	085	00106	12.24	35.460	26.93		1500.7							
	085	00114	12.19	35.490	26.95		1500.6							
	085	00118	10.18	35.030	26.96		1493.0							
	085	00119	06.62	34.650	26.96		1486.8							
	085	00121	07.65	34.575	26.98		1483.8							
	085	00123	07.63	34.560	26.97		1483.7							
	STO	00125	06.66	34.42	27.00	00.158	1479.6							
	085	00125	06.54	34.367	27.00		1478.5							
	085	00127	06.02	34.253	27.01		1476.3							
	085	00129	06.00	34.340	27.05		1476.3							
	085	00131	06.16	34.417	27.09		1477.1							
	085	00133	07.13	34.577	27.09		1481.2							
	085	00137	07.78	34.716	27.10		1484.0							
	085	00139	07.63	34.722	27.10		1484.2							
	085	00142	08.64	34.885	27.11		1487.5							
	085	00144	06.55	34.676	27.11		1487.4							
	085	00146	07.54	34.752	27.14		1484.8							
	STO	00150	07.50	34.75	27.14	00.183	1484.7							
	085	00150	07.50	34.768	27.14		1484.7							
	085	00175	07.26	34.670	27.14		1482.5							
	STO	00200	07.24	34.67	27.14	00.231	1482.8							
	085	00201	07.25	34.665	27.14		1482.6							
	085	00207	07.21	34.665	27.15		1482.8							
	085	00216	06.60	34.530	27.12		1480.4							
	085	00220	06.38	34.470	27.11		1475.5							
	085	00222	06.36	34.460	27.10		1479.5							
	085	00228	05.71	34.355	27.13		1476.5							
	085	00230	05.68	34.403	27.14		1476.8							
	085	00236	07.51	34.780	27.15		1484.6							
	085	00239	07.54	34.780	27.19		1484.8							
	085	00243	06.14	34.500	27.19		1487.3							
	085	00245	06.13	34.500	27.20		1487.3							
	STO	00250	07.31	34.72	27.18	00.275	1484.0							
	085	00255	06.65	34.555	27.17		1481.3							
	085	00258	06.36	34.560	27.18		1480.2							
	085	00274	06.57	34.613	27.15		1481.3							
	085	00276	06.36	34.550	27.17		1480.5							
	085	00295	06.25	34.640	27.26		1480.5							
	STO	00300	05.23	34.46	27.24	00.324	1476.2							
	085	00300	05.13	34.450	27.25		1475.6							
	085	00304	04.54	34.475	27.29		1475.1							
	085	00310	04.54	34.460	27.29		1475.1							
	085	00317	05.38	34.557	27.29		1477.2							
	085	00325	05.75	34.670	27.34		1475.0							
	085	00327	05.61	34.735	27.35		1479.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N G D C S T A T I O N D A T A														
CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNHPTM	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
085	00029	00.15	34.750	27.39			1480.7							
085	00030	05.51	34.875	27.38			1478.3							
085	00033	07.51	34.870	27.40			1477.6							
085	00036	05.52	34.875	27.40			1477.7							
085	00041	00.16	34.810	27.40			1481.5							
085	00075	00.17	34.850	27.42			1481.7							
085	00083	07.25	35.000	27.43			1486.2							
STD	00000	07.21	35.000	27.43		00.404	1486.5							
085	00001	07.21	35.000	27.43			1486.5							
085	00005	07.05	35.010	27.44			1485.9							
085	00011	00.00	34.910	27.43			1484.0							
085	00020	00.00	34.910	27.44			1482.2							
085	00051	05.74	34.887	27.51			1481.5							
085	00075	05.51	34.900	27.56			1480.0							
085	00091	05.71	34.905	27.54			1481.5							
STD	00500	05.00	34.85	27.53		00.472	1481.8							
085	00500	05.00	34.860	27.53			1481.8							
085	00501	05.56	34.930	27.57			1482.0							
085	00535	05.54	34.910	27.56			1481.9							
085	00550	05.23	34.880	27.57			1480.9							
085	00576	05.02	34.875	27.60			1480.4							
STD	00600	04.88	34.91	27.64		00.530	1480.3							
085	00601	04.87	34.906	27.64			1480.3							
085	00628	04.76	34.877	27.63			1480.2							
085	00651	04.50	35.000	27.71			1481.5							
085	00675	04.97	35.007	27.71			1482.0							
STD	00700	04.88	35.000	27.71		00.581	1482.1							
085	00700	04.88	35.003	27.71			1482.1							
085	00725	05.10	35.020	27.65			1483.7							
085	00750	05.10	35.030	27.70			1484.1							
085	00776	05.00	35.023	27.70			1484.3							
STD	00800	05.12	35.03	27.71		00.625	1484.7							
085	00800	05.12	35.030	27.71			1484.8							
085	00826	05.06	35.030	27.71			1484.9							
085	00850	05.04	35.040	27.72			1485.3							
085	00875	04.55	35.040	27.73			1485.5							
STD	00900	04.74	35.03	27.75		00.677	1484.9							
085	00900	04.74	35.025	27.75			1484.5							
085	00925	04.57	35.010	27.75			1484.5							
085	00951	04.54	35.010	27.76			1484.9							
085	00953	04.53	35.013	27.76			1484.9							
085	00976	04.61	35.030	27.77			1485.6							
STD	01000	04.64	35.04	27.77		00.725	1486.1							
085	01001	04.64	35.040	27.77			1486.1							
085	01018	04.64	35.040	27.77			1486.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N D A T A

REFID 51 3555	YEAR 1973	BDTOP 02665	AIR TEMP 12.2	DIR MGT PER	WIND-DIR 26	INST STO RECORDER	TEN SQ 1306
CONSEC 0000	MONTH 05	SHIP EV	WET BULB 10.4	24 2 3	WIND-SPD 17	TRACE DIR	5 SQUARE 2
LAT 42 47.5N	DAY 14	DATA USE 1	BAROMETER 1021.9	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 100 44.5W	HOUR 05.1	AREA 05	LLQD T/A	CL/TR	WEATHER X4	ORIG J11 265	1 SQUARE 28

CASTNO/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	OXYG	P04	TOT P.	N02	N03	S103	PH
35.1	STO	00000	06.62	34.38	26.45	00.000	1484.8							
	085	00001	06.82	34.378	26.45		1484.9							
	085	00007	06.88	34.110	26.46		1485.2							
	085	00009	09.24	34.185	26.46		1486.7							
	STO	00010	09.29	34.21	26.46	00.016	1486.9							
	085	00011	09.35	34.250	26.45		1487.2							
	085	00015	09.23	34.207	26.48		1486.8							
	085	00015	06.92	34.130	26.47		1485.5							
	STW	00020	09.25	35.08	26.62	00.034	1470.6							
	085	00020	09.55	35.04	26.63		1469.3							
	085	00022	09.72	35.642	26.65		1468.4							
	085	00026	09.46	35.870	26.65		1471.8							
	085	00028	09.56	35.860	26.75		1472.3							
	STO	00030	09.56	35.82	26.72	00.045	1471.4							
	085	00040	09.53	33.760	26.78		1468.1							
	085	00041	09.50	35.020	26.82		1468.1							
	085	00045	06.36	34.256	26.97		1476.3							
	085	00047	06.56	34.340	26.96		1477.3							
	STO	00050	07.49	34.55	26.95	00.064	1482.0							
	085	00051	08.22	34.553	26.95		1484.2							
	085	00053	06.61	34.770	26.99		1486.6							
	085	00055	09.05	34.755	26.97		1487.5							
	085	00066	09.43	34.600	26.97		1489.2							
	STW	00075	09.57	34.94	27.00	00.096	1490.0							
	085	00076	09.62	34.960	27.00		1490.2							
	085	00079	09.67	35.033	27.02		1491.3							
	STO	00100	10.33	35.12	27.06	00.122	1492.3							
	085	00100	10.03	35.140	27.06		1492.3							
	085	00106	10.03	35.120	27.06		1492.4							
	085	00110	08.35	34.760	27.07		1485.8							
	085	00114	07.19	34.617	27.11		1481.2							
	085	00121	06.86	34.540	27.10		1479.5							
	STO	00125	06.84	34.55	27.10	00.148	1479.9							
	085	00125	06.84	34.547	27.11		1479.9							
	085	00142	06.73	34.534	27.11		1479.7							
	STO	00150	06.47	34.86	27.13	00.172	1487.0							
	085	00150	08.53	34.893	27.13		1487.3							
	085	00161	06.56	34.693	27.12		1487.6							
	085	00167	07.57	34.673	27.13		1482.8							
	085	00175	07.23	34.685	27.16		1482.4							
	085	00177	07.20	34.685	27.16		1482.3							
	085	00160	06.77	34.627	27.18		1480.6							
	085	00184	06.66	34.602	27.21		1481.1							
	085	00186	06.65	34.650	27.21		1480.3							
	085	00194	06.34	34.546	27.20		1477.8							
	STO	00200	09.97	34.54	27.21	00.219	1477.6							
	085	00201	09.95	34.540	27.22		1477.6							
	085	00205	09.38	34.460	27.22		1475.2							
	085	00207	09.36	34.440	27.21		1475.2							
	085	00215	09.66	34.550	27.23		1473.2							
	085	00226	09.46	34.532	27.27		1476.0							
	085	00230	09.53	34.537	27.27		1476.3							
	STO	00250	06.76	34.76	27.28	00.262	1481.9							
	085	00255	07.08	34.820	27.29		1483.3							
	085	00258	06.60	34.750	27.33		1481.4							
	085	00272	06.63	34.827	27.35		1481.8							
	085	00277	07.08	34.530	27.35		1483.8							
	085	00285	07.56	35.015	27.37		1466.9							
	STO	00300	07.40	35.01	27.39	00.302	1486.2							
	085	00300	07.52	35.005	27.40		1485.6							
	085	00304	07.28	35.005	27.40		1485.2							
	085	00310	06.27	34.810	27.39		1461.0							
	085	00316	06.06	34.600	27.41		1480.2							
	085	00325	09.33	34.677	27.40		1477.4							
	085	00333	09.24	34.640	27.38		1477.0							
	085	00336	04.83	34.566	27.40		1475.3							
	085	00348	04.62	34.610	27.43		1474.7							
	085	00354	04.61	34.670	27.45		1476.0							
	085	00375	04.52	34.650	27.47		1474.7							
	085	00378	04.52	34.63	27.480									
	085	00384	03.84	34.535	27.45		1471.9							
	085	00386	03.78	34.540	27.46		1471.7							
	085	00394	03.67	34.555	27.49		1472.7							
	085	00395	04.30	34.680	27.52		1474.3							
	STW	00400	04.30	34.68	27.52	00.370	1474.3							
	085	00404	04.28	34.670	27.52		1474.2							
	085	00405	04.23	34.650	27.54		1474.1							
	085	00405	04.95	34.660	27.54		1472.9							
	085	00426	04.05	34.700	27.56		1475.9							
	085	00441	04.77	34.830	27.55		1477.1							
	085	00447	03.30	34.905	27.56		1475.8							
	085	00451	03.38	34.900	27.57		1475.9							
	085	00460	03.43	34.900	27.57		1480.2							
	085	00464	03.77	35.010	27.61		1481.8							
	085	00474	03.77	34.950	27.60		1481.5							
	085	00465	03.34	34.700	27.56		1480.3							
	085	00491	03.20	34.657	27.59		1474.6							
	085	00494	04.54	34.640	27.58		1476.6							
	STO	00500	04.60	34.67	27.62	00.448	1478.5							
	085	00500	04.80	34.875	27.62		1476.3							
	085	00512	05.34	34.860	27.60		1479.5							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 6355 YEAR 1973 BOTOP 00071 AIR TEMP 05.5 OIR MGT PER WIND-OIR 10 INST STD RECORDER TEN SQ 1306
CONSEC 0061 MONTH 05 SHIP EV WET BULB 05.5 10 2 2 WIND-SPO 20 TRACE OIR 0 5 SQUARE 4
LAT 46 12 N DAY 18 DATA USE 1 BAROMETR 1021.0 SEA WIND-FOR 06 WIND-FOR DURATION 2 SQUARE 66
LONG 048 45 W HOUR 22.5 AREA 05 CLOUD T/A CL/TR WEATHER A6 ORIG 011 266 1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	GRYG	PJ4	TGT P	NO2	NO3	SIO3	PH
22.5	STO	00000	01.90	32.46	25.97	00.000	1454.3							
	065	00001	01.90	32.460	25.97		1454.4							
	STO	00010	01.92	32.45	25.96	00.020	1454.6							
	065	00011	01.92	32.450	25.96		1454.6							
	STO	00020	01.92	32.44	25.95	00.041	1454.7							
	065	00021	01.92	32.440	25.95		1454.7							
	065	00022	01.93	32.440	25.95		1454.7							
	065	00024	- 3.08	32.346	25.99		1445.6							
	065	00026	- 1.10	32.050	26.28		1441.4							
	STO	00030	- 1.25	32.74	26.35	00.060	1443.6							
	065	00032	- 1.33	32.753	26.40		1440.6							
	STO	00035	- 1.27	32.97	26.53	00.092	1441.4							
	065	00051	- 1.26	32.983	26.55		1441.5							
	065	00060	- 1.38	33.120	26.66		1441.3							

REFID 31 6355 YEAR 1973 BOTOP 00086 AIR TEMP 04.5 OIR MGT PER WIND-OIR 05 INST STD RECORDER TEN SQ 1306
CONSEC 0062 MONTH 05 SHIP EV WET BULB 04.5 10 1 5 WIND-SPO 25 TRACE OIR 0 5 SQUARE 4
LAT 46 07 N DAY 16 DATA USE 1 BAROMETR 1020.1 SEA WIND-FOR 06 WIND-FOR DURATION 2 SQUARE 66
LONG 048 40 W HOUR 23.6 AREA 05 CLOUD T/A CL/TR WEATHER A6 ORIG 011 267 1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	GRYG	PJ4	TGT P	NO2	NO3	SIO3	PH
23.6	STO	00000	01.95	32.46	25.99	00.000	1454.6							
	065	00001	01.95	32.464	25.99		1454.6							
	STO	00010	01.96	32.51	26.00	00.020	1454.6							
	065	00011	01.96	32.510	26.01		1454.9							
	STO	00020	01.92	32.52	26.02	00.040	1454.9							
	065	00021	01.90	32.525	26.04		1454.8							
	065	00024	01.77	32.505	26.01		1454.2							
	065	00028	01.01	32.470	26.04		1450.8							
	STO	00030	00.62	32.66	26.21	00.059	1449.4							
	065	00031	00.46	32.710	26.26		1446.6							
	065	00032	- 3.05	32.752	26.35		1446.5							
	065	00036	- 0.71	32.878	26.45		1442.7							
	065	00038	- 0.65	32.957	26.54		1443.9							
	065	00040	- 0.06	33.010	26.53		1446.9							
	065	00041	00.00	33.001	26.52		1447.2							
	065	00047	- 3.34	33.003	26.53		1445.7							
	STO	00050	- 3.68	33.01	26.55	00.092	1444.2							
	065	00051	- 0.64	33.020	26.57		1443.5							
	065	00060	- 1.02	33.144	26.67		1443.0							
	065	00064	- 1.15	33.140	26.67		1442.4							
	STO	00075	- 1.49	33.19	26.72	00.128	1441.1							
	065	00076	- 1.50	33.190	26.72		1441.0							
	065	00079	- 1.52	33.200	26.73		1441.3							

REFID 31 6355 YEAR 1973 BOTOP 00095 AIR TEMP 03.5 OIR MGT PER WIND-OIR 12 INST STD RECORDER TEN SQ 1306
CONSEC 0063 MONTH 05 SHIP EV WET BULB 03.0 15 2 3 WIND-SPO 20 TRACE OIR 0 5 SQUARE 4
LAT 46 02.5N DAY 15 DATA USE 1 BAROMETR 1019.8 SEA WIND-FOR 06 WIND-FOR DURATION 2 SQUARE 66
LONG 040 31 W HOUR 00.9 AREA 05 CLOUD T/A CL/TR WEATHER A6 ORIG 011 268 1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	GRYG	PJ4	TGT P	NO2	NO3	SIO3	PH
00.9	STO	00000	01.40	32.67	26.17	00.000	1452.7							
	065	00001	01.40	32.670	26.17		1452.7							
	STO	00010	01.47	32.66	26.16	00.019	1452.9							
	065	00011	01.47	32.660	26.16		1452.9							
	065	00017	01.41	32.649	26.15		1452.7							
	STO	00020	01.41	32.66	26.16	00.037	1452.6							
	065	00021	01.44	32.657	26.16		1451.6							
	065	00024	01.26	32.660	26.17		1451.2							
	065	00029	00.51	32.790	26.32		1445.3							
	STO	00030	- 0.60	22.63	26.41	00.055	1444.0							
	065	00031	- 0.92	32.647	26.43		1442.5							
	065	00036	- 0.66	32.973	26.53		1443.0							
	065	00043	- 1.17	32.990	26.50		1441.6							
	STO	00050	- 0.81	33.12	26.65	00.085	1443.8							
	065	00051	- 0.73	33.136	26.66		1444.2							
	065	00057	- 1.51	33.146	26.69		1440.6							
	065	00070	- 1.57	33.205	26.74		1440.6							
	STO	00075	- 1.52	33.21	26.74	00.119	1441.0							
	065	00076	- 1.51	33.21 P	26.82Q									
	065	00088	- 1.50	33.220	26.74		1441.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 00141	AIR TEMP 03.7	DIR MGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1306
CONSEC 0064	MONTH 05	SHIP EV	WET BULB 03.2	12 1 2	WIND-SPD 23	TRACE DIR	5 SQUARE 4
LAT 45 54 N	DAY 15	DATA USE 1	BAROMETR 1018.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 148 16 W	MOJA 02.0	AREA 05	CLCUD T/A	CL/TR	WEATHER A6	ORIG 011 265	1 SQUARE 58

CASSTNM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
02.8	STD	00000	00.92	32.87	26.36	00.000	1450.5							
085	00001	00.92	32.870	26.36			1450.6							
STD	00010	00.60	32.67	26.37	00.017		1450.6							
085	00011	00.60	32.675	26.37			1450.6							
085	00017	00.67	32.857	26.37			1449.7							
085	00019	00.18	32.875	26.41			1447.5							
STD	00020	00.02	32.55	26.48	00.053		1446.9							
085	00021	- 0.11	32.557	26.52			1446.3							
085	00022	- 0.36	33.000	26.53			1445.2							
085	00024	- 1.14	33.130	26.67			1441.6							
STD	00030	- 1.40	33.16	26.70	00.047		1440.7							
085	00030	- 1.42	33.166	26.70			1440.6							
STD	00030	- 1.57	33.21	26.74	00.074		1440.3							
085	00031	- 1.50	33.210	26.74			1440.3							
085	00036	- 1.61	33.215	26.75			1440.4							
STD	00075	- 1.61	33.31	26.82	00.106		1440.7							
085	00076	- 1.61	33.320	26.83			1440.7							
STD	00100	- 1.37	33.35	26.85	00.136		1441.3							
085	00100	- 1.57	33.350	26.85			1441.4							
STD	00125	- 1.51	33.35	26.85	00.166		1442.0							
085	00125	- 1.51	33.350	26.85			1442.0							
085	00139	- 1.51	33.352	26.85			1442.3							

REFID 31 8355	YEAR 1973	BOTOP 00358	AIR TEMP 03.5	DIR MGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1306
CONSEC 0065	MONTH 05	SHIP EV	WET BULB 03.2	15 1 2	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 45 50 N	DAY 19	DATA USE 1	BAROMETR 1017.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 148 09 W	MOJA 03.9	AREA 05	CLCUD T/A	CL/TR	WEATHER X6	ORIG 011 270	1 SQUARE 58

CASSTNM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
03.9	STD	00000	00.52	32.97	26.47	00.000	1448.9							
085	00001	00.52	32.971	26.47			1448.9							
085	00007	00.52	32.966	26.46			1449.0							
STD	00010	00.51	32.97	26.46	00.016		1449.0							
085	00011	00.51	32.970	26.47			1449.0							
STD	00020	00.50	32.97	26.46	00.032		1449.2							
085	00020	00.50	32.970	26.46			1449.2							
STD	00030	00.54	32.97	26.46	00.047		1449.4							
085	00030	00.54	32.970	26.46			1449.4							
085	00036	00.53	32.970	26.46			1449.5							
085	00043	- 0.67	33.138	26.66			1443.4							
STD	00050	- 1.00	33.184	26.71	00.076		1441.5							
085	00051	- 1.00	33.184	26.72			1441.2							
STD	00075	- 1.36	33.21	26.74	00.110		1441.7							
085	00076	- 1.36	33.215	26.74			1441.7							
STD	00100	- 1.61	33.35	26.86	00.141		1441.2							
085	00100	- 1.61	33.353	26.86			1441.2							
085	00112	- 1.64	33.350	26.86			1441.2							
STD	00125	- 1.53	33.35	26.85	00.171		1441.5							
085	00125	- 1.53	33.350	26.85			1441.5							
STD	00150	- 1.32	33.45	26.96	00.200		1443.3							
085	00150	- 1.32	33.490	26.96			1443.5							
085	00175	- 1.14	33.570	27.02			1444.5							
STD	00200	- 1.06	33.54	27.00	00.253		1445.7							
085	00201	- 1.04	33.542	26.95			1445.8							
085	00226	- 0.54	33.817	27.20			1446.9							
085	00235	- 0.07	34.014	27.34			1451.6							
085	00241	- 0.03	34.030	27.35			1451.6							
STD	00250	00.25	34.05	27.35	00.298		1453.2							
085	00251	00.29	34.056	27.35			1453.5							
085	00276	00.74	34.240	27.47			1456.2							
STD	00300	01.42	34.38	27.54	00.331		1455.8							
085	00300	01.44	34.384	27.54			1455.9							
085	00325	02.10	34.520	27.60			1463.4							
085	00346	02.32	34.575	27.63			1464.8							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 21 0550	YEAR 1973	BOTOP 00922	AIR TEMP 03.0	OIR HGT PER	WIND-OIR 12	INST STO RECORDER	TEN SJ 1006
CONSEC 0086	MONTH 05	SHIP EV	WET BULB 02.8	12 0 2	WIND-SPD 14	TRACE OIR 0	5 SQUARE 4
LAT 45 43.5N	DAY 15	DATA USE 1	BAROMETR 1016.8	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 01 W	MOYR 05.2	AREA 05	CLCUD T/A	CL/TR	WEATHER X6	ORIG 011 271	1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTM	TEMP	SAL	SIGMA-T	GYNOPTH	SNJ VEL	OXYG	PC4	TOT P	NO2	NO3	SI03	Ph
35.2	STO	00000	01.06	32.86	26.35	00.000	1451.1							
	DBS	00001	01.06	32.860	26.35		1451.2							
	DBS	00007	01.06	32.850	26.34		1451.3							
	STO	00010	01.06	32.85	26.34	00.017	1451.3							
	DBS	00011	01.04	32.850	26.34		1451.2							
	DBS	00017	00.67	32.870	26.36		1450.6							
	DBS	00019	00.06	32.930	26.46		1447.1							
	STO	00020	00.47	32.95	26.45	00.033	1448.9							
	DBS	00020	00.73	32.960	26.45		1450.1							
	DBS	00026	00.46	32.970	26.47		1449.0							
	DBS	00028	- 0.03	32.970	26.49		1446.8							
	STO	00030	- 0.12	33.00	26.52	00.045	1446.5							
	DBS	00030	- 0.16	33.010	26.53		1446.2							
	DBS	00032	- 0.58	33.010	26.55		1444.4							
	DBS	00034	- 0.76	33.010	26.55		1443.6							
	DBS	00036	- 0.64	33.000	26.55		1443.2							
	DBS	00038	- 1.02	33.000	26.56		1442.4							
	DBS	00040	- 1.38	33.120	26.66		1440.9							
	STO	00050	- 1.55	33.15	26.69	00.078	1440.5							
	DBS	00051	- 1.57	33.150	26.69		1440.3							
	STO	00075	- 1.52	33.21	26.74	00.111	1441.0							
	DBS	00076	- 1.54	33.216	26.74		1441.0							
	DBS	00095	- 1.62	33.310	26.82		1441.0							
	STO	00100	1.62	33.33	26.84	00.142	1441.1							
	DBS	00100	1.62	33.330	26.84		1441.1							
	STO	00125	- 1.44	33.47	26.93	00.172	1442.5							
	DBS	00142	1.43	33.450	26.93		1442.6							
	STO	00150	1.13	33.57	27.00	00.195	1444.5							
	DBS	00150	- 1.13	33.547	27.00		1444.5							
	DBS	00175	- 0.96	33.570	27.01		1445.8							
	STO	00200	- 0.71	33.69	27.10	00.250	1447.5							
	DBS	00201	- 0.69	33.690	27.10		1447.6							
	DBS	00226	- 0.53	33.700	27.10		1448.8							
	STO	00250	- 0.41	33.82	27.19	00.296	1449.9							
	DBS	00251	- 0.39	33.830	27.20		1450.0							
	DBS	00264	- 0.38	34.000	27.32		1451.9							
	DBS	00270	00.24	34.027	27.33		1453.5							
	DBS	00276	00.24	34.025	27.33		1453.6							
	DBS	00279	00.24	34.040	27.34		1453.7							
	DBS	00285	00.51	34.170	27.43		1455.2							
	DBS	00293	00.63	34.182	27.43		1455.9							
	DBS	00298	00.50	34.230	27.45		1457.2							
	STO	00300	00.93	34.23	27.46	00.334	1457.4							
	DBS	00300	00.96	34.237	27.46		1457.6							
	DBS	00325	01.55	34.370	27.52		1460.8							
	DBS	00335	01.74	34.470	27.59		1461.9							
	DBS	00335	02.01	34.530	27.62		1463.2							
	DBS	00350	02.31	34.590	27.64		1464.8							
	DBS	00375	02.85	34.705	27.68		1467.9							
	STO	00400	03.28	34.72	27.66	00.385	1470.0							
	DBS	00401	03.50	34.740	27.67		1470.2							
	DBS	00405	03.37	34.646	27.74		1470.7							
	DBS	00413	03.65	34.860	27.75		1472.0							
	DBS	00426	03.86	34.870	27.72		1473.1							
	DBS	00451	04.00	34.940	27.76		1474.2							
	DBS	00475	04.37	34.920	27.74		1474.9							
	STO	00500	04.11	34.94	27.75	00.453	1475.5							
	DBS	00502	04.11	34.940	27.75		1475.5							
	DBS	00525	04.11	34.950	27.74		1475.5							
	DBS	00550	04.04	34.930	27.75		1476.0							
	DBS	00578	04.01	34.930	27.75		1476.4							
	STO	00600	04.00	34.930	27.75	00.474	1476.7							
	DBS	00601	04.00	34.930	27.75		1476.7							
	DBS	00626	03.96	34.930	27.75		1477.0							
	DBS	00651	03.95	34.930	27.76		1477.3							
	DBS	00675	03.89	34.930	27.76		1477.5							
	STO	00700	03.87	34.93	27.77	00.515	1477.8							
	DBS	00700	03.87	34.930	27.77		1477.8							
	DBS	00725	03.85	34.927	27.77		1478.1							
	DBS	00750	03.83	34.922	27.76		1478.4							
	DBS	00776	03.82	34.920	27.76		1478.6							
	STO	00800	03.80	34.92	27.76	00.557	1479.1							
	DBS	00801	03.80	34.920	27.76		1479.2							
	DBS	00826	03.82	34.920	27.76		1479.6							
	DBS	00650	03.81	34.920	27.76		1480.0							
	DBS	00875	03.80	34.920	27.76		1480.4							
	STO	00900	03.80	34.92	27.76	00.559	1480.6							
	DBS	00900	03.80	34.920	27.76		1480.8							
	DBS	00913	03.80	34.916	27.76		1481.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31 8352 YEAR 1973 BOTOP 04524 AIR TEMP 35.1 DIR HGT PER WIND-DIR 18 INST STD RECORDER TEN SQ 1506
CONSEC 0067 MONTH 05 SHIP EV WET BULB 05.1 15 1 2 WIND-SPO 13 TRACE DIR 0 5 SQUARE 4
LAT +5 31 N DAY 16 DATA USE 1 BAROMETER 1016.5 SEA WIND-FOR DURATION 2 SQUARE 46
LONG 047 36 W HOUR 07.6 AREA 05 CLOUD 7/4 CL/TR WEATHER ORIG 011 272 1 SQUARE 57

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPHT	SND VEL	OXYG	P24	TOT P	NO2	NO3	SIDS	PH
07.6	STD	00000	00.60	34.87	26.38	00.000	1445.1							
065	00001	00.60	32.870	26.38			1445.1							
STD	00010	00.55	32.95	26.45	00.010		1445.3							
065	00011	00.55	32.960	26.45			1445.3							
STD	00020	00.60	32.96	26.45	00.052		1445.5							
065	00020	00.60	32.960	26.46			1445.7							
065	00024	00.62	32.950	26.47			1450.7							
065	00026	00.62	33.000	26.47			1450.7							
STD	00030	- 0.24	33.10	26.61	00.047		1445.6							
065	00030	- 0.45	33.115	26.63			1445.6							
065	00032	- 1.03	33.155	26.68			1442.5							
065	00034	- 1.25	33.200	26.72			1441.5							
065	00038	- 1.35	33.213	26.74			1441.0							
065	00040	- 1.35	33.210	26.74			1441.2							
STD	00050	- 1.56	33.31	26.82	00.074		1440.5							
065	00051	- 1.56	33.317	26.83			1440.4							
065	00062	- 1.63	33.343	26.85			1440.4							
STD	00075	- 1.59	33.35	26.85	00.104		1440.8							
065	00076	- 1.59	33.350	26.86			1440.8							
STD	00100	- 1.49	33.45	26.96	00.135		1441.9							
065	00100	- 1.40	33.490	26.97			1442.0							
STD	00125	- 0.95	33.54	26.95	00.160		1444.7							
065	00125	- 0.98	33.540	26.95			1444.8							
STD	00150	- 0.71	33.60	27.10	00.186		1446.5							
065	00150	- 0.70	33.600	27.10			1446.6							
065	00175	- 0.44	33.650	27.25			1446.6							
065	00182	- 0.14	33.958	27.29			1453.2							
065	00186	00.44	34.040	27.33			1452.9							
065	00196	00.51	34.040	27.33			1453.5							
065	00198	00.26	34.037	27.34			1452.4							
STD	00200	00.31	34.10	27.35	00.227		1452.8							
065	00201	00.38	34.145	27.42			1453.2							
065	00205	00.52	34.200	27.43			1455.8							
065	00217	02.39	34.365	27.47			1462.7							
065	00226	02.25	34.570	27.54			1460.8							
065	00235	03.55	34.550	27.52			1468.5							
065	00243	02.52	34.550	27.49 *			1470.0							
STD	00250	04.26	34.70	27.54	00.255		1471.7							
065	00251	04.31	34.710	27.54			1471.9							
065	00272	04.14	34.57 P	27.454*										
065	00276	03.42	34.547	27.51			1468.3							
STD	00300	02.25	34.56	27.55	00.288		1468.2							
065	00300	02.29	34.557	27.56			1468.3							
065	00306	03.65	34.710	27.61			1470.2							
065	00310	03.61	34.720	27.60			1473.8							
065	00317	04.19 P	34.730	27.570*										
065	00325	04.04	34.720	27.58			1471.9							
065	00325	04.01	34.730	27.59			1472.0							
065	00340	04.55	34.660	27.65			1474.8							
065	00342	04.55	34.670	27.64			1474.6							
065	00346	04.07	34.635	27.67			1472.6							
065	00350	03.97	34.625	27.67			1472.3							
065	00350	02.63	34.72	27.620*										
065	00357	03.55	34.711 P	27.620										
065	00361	03.50	34.655	27.70			1472.4							
065	00367	04.04	34.680	27.71			1472.5							
065	00373	04.05	34.62 P	27.670*										
065	00375	04.05	34.637	27.69			1475.7							
065	00376	04.06	34.61 F	27.660*										
STD	00400	04.32	34.63	27.72	00.336		1474.7							
065	00401	04.20	34.630	27.72			1474.6							
065	00426	04.05	34.610	27.73			1474.0							
065	00451	04.04	34.645	27.76			1474.4							
065	00475	04.44 P	34.615	27.650*										
STD	00500	04.30	34.64	27.73	00.361		1476.3							
065	00500	04.30	34.640	27.73			1476.3							
065	00525	04.18	34.630	27.73			1476.2							
065	00550	04.04	34.625	27.74			1476.0							
065	00576	04.06	34.632	27.75			1476.5							
STD	00600	04.04	34.63	27.74	00.424		1476.8							
065	00601	04.04	34.625	27.74			1476.8							
065	00626	04.00	34.630	27.75			1477.1							
065	00651	03.57	34.632	27.76			1477.4							
065	00675	03.64	34.630	27.76			1477.7							
STD	00700	03.53	34.63	27.76	00.466		1478.0							
065	00700	02.43	34.630	27.76			1478.0							
065	00725	03.51	34.630	27.76			1478.4							
065	00750	03.50	34.630	27.76			1478.7							
065	00776	03.67	34.620	27.76			1475.0							
STD	00800	03.61	34.62	27.76	00.507		1475.2							
065	00802	03.64	34.623	27.77			1475.2							
065	00826	03.85	34.640	27.78			1475.8							
065	00850	03.77	34.620	27.77			1475.9							
065	00875	03.75	34.620	27.77			1480.2							
STD	00900	03.75	34.62	27.77	00.545		1480.6							
065	00900	03.75	34.620	27.77			1480.6							
065	00925	03.73	34.620	27.77			1480.5							
065	00951	03.74	34.620	27.77			1481.3							
065	00976	03.73	34.620	27.77			1481.8							
STD	01000	03.71	34.62	27.77	00.591		1482.1							
065	01001	03.71	34.620	27.77			1482.1							
065	01018	03.70	34.615	27.77			1482.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 02641	AIR TEMP 06.0	DIR HGT PER	WIND-DIR 22	INST STO RECORDER	TEN 50 1306
CONSEC 0388	MONTH 05	SHIP EV	WET BULB 06.0	18 1 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 4
LAT 45 05 N	DAY 15	DATA USE 1	BAROMETR 1016.2	SEA	WIND-FOK	DURATION	2 SQUARE 46
LONG 147 07 W	MOOR 11.1	AREA 05	CLOUD 7/4	CL/TR	WEATHER X6	ORIG 011 273	1 SQUARE 57

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	QYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
11.1	STO	00000	01.88	33.20	26.57	00.000	1455.3							
	DBS	00003	01.88	33.205	26.57		1455.3							
	STO	00010	01.63	33.31	26.65	00.014	1455.3							
	DBS	00011	01.61	33.322	26.67		1455.3							
	STO	00020	01.66	33.35	26.68	00.028	1454.6							
	DBS	00020	01.64	33.330	26.68		1454.7							
	DBS	00024	00.50	33.352	26.74		1448.7							
	DBS	00026	- 0.53	33.353	26.82		1445.0							
	DBS	00026	- 0.76	33.324	26.57		1444.1							
	STO	00030	- 0.63	33.53	26.57	00.041	1444.6							
	DBS	00032	- 0.46	33.350	26.98		1445.7							
	DBS	00034	- 0.39	33.372	26.99		1446.1							
	DBS	00036	- 0.22	33.676	27.07		1447.0							
	STO	00050	- 0.25	33.65	27.08	00.061	1447.2							
	DBS	00051	- 0.25	33.655	27.09		1447.2							
	STO	00075	- 0.21	33.86	27.22	00.084	1448.0							
	DBS	00076	- 0.20	33.870	27.23		1448.1							
	STO	00100	00.06	34.03	27.34	00.104	1449.8							
	DBS	00104	00.07	34.050	27.34		1449.9							
	DBS	00112	00.40 P	33.900	27.194		1450.0							
	DBS	00115	00.31	34.040	27.34		1451.4							
	DBS	00125	00.33	34.12	27.40	00.122	1451.6							
	DBS	00127	00.36	34.150	27.42		1451.9							
	DBS	00135	00.65	34.200	27.44		1453.6							
	DBS	00142	00.56	34.246	27.46		1455.0							
	DBS	00144	01.03	34.240	27.45		1455.3							
	STO	00150	01.52	34.33	27.47	00.135	1455.5							
	DBS	00152	02.19	34.360	27.47		1460.7							
	DBS	00161	02.55	34.365	27.44		1462.6							
	DBS	00165	02.15	34.350	27.46		1460.8							
	DBS	00167	02.14	34.363	27.47		1460.8							
	DBS	00171	02.73	34.457	27.50		1463.5							
	DBS	00186	03.02	34.580	27.49		1468.6							
	DBS	00190	03.84	34.657	27.55		1468.9							
	DBS	00194	04.21	34.720	27.56		1470.6							
	STO	00200	04.37	34.73	27.55	00.145	1471.3							
	DBS	00201	04.42	34.727	27.55		1471.6							
	DBS	00207	04.15	34.655	27.55		1470.5							
	DBS	00217	03.10	34.580	27.56		1466.0							
	DBS	00226	02.98	34.577	27.57		1465.7							
	DBS	00247	03.52	34.750	27.64		1468.5							
	STO	00250	03.27	34.64	27.64	00.195	1467.5							
	DBS	00264	02.53	34.570	27.62		1463.5							
	DBS	00276	02.23	34.577	27.64		1463.2							
	STO	00300	02.70	34.67	27.67	00.218	1465.8							
	DBS	00300	02.72	34.677	27.67		1465.9							
	DBS	00316	03.00	34.715	27.68		1467.4							
	DBS	00317	03.00	34.730	27.66		1468.8							
	DBS	00325	03.44	34.730	27.65		1469.5							
	DBS	00350	03.70	34.840	27.71		1471.1							
	DBS	00375	03.61	34.840	27.72		1471.2							
	STO	00400	03.68	34.87	27.74	00.261	1471.9							
	DBS	00401	03.65	34.870	27.74		1472.0							
	DBS	00426	03.66	34.895	27.73		1473.6							
	DBS	00451	04.08	34.937	27.75		1474.5							
	DBS	00475	04.16	34.920	27.73		1475.3							
	STO	00500	04.16	34.93	27.73	00.302	1475.6							
	DBS	00500	04.18	34.930	27.73		1475.6							
	DBS	00525	04.16	34.930	27.74		1476.1							
	DBS	00552	04.17	34.940	27.74		1476.6							
	DBS	00576	04.22	34.937	27.73		1477.2							
	STO	00600	04.16	34.95	27.75	00.344	1477.4							
	DBS	00601	04.16	34.950	27.75		1477.4							
	DBS	00626	04.14	34.950	27.75		1477.7							
	DBS	00651	04.11	34.950	27.76		1478.0							
	DBS	00675	04.05	34.943	27.75		1478.3							
	STO	00700	04.08	34.95	27.76	00.366	1478.7							
	DBS	00700	04.08	34.950	27.76		1478.7							
	DBS	00727	04.05	34.950	27.76		1479.0							
	DBS	00751	04.04	34.950	27.76		1479.4							
	DBS	00776	03.56	34.950	27.77		1479.5							
	STO	00800	03.57	34.92	27.75	00.425	1479.9							
	DBS	00801	03.57	34.920	27.75		1479.9							
	DBS	00826	04.07	34.930	27.74		1480.7							
	DBS	00850	04.06	34.930	27.74		1481.2							
	DBS	00875	04.05	34.930	27.75		1481.5							
	STO	00900	04.05	34.93	27.75	00.472	1481.9							
	DBS	00900	04.05	34.930	27.75		1481.9							
	DBS	00925	04.04	34.930	27.75		1482.2							
	DBS	00951	04.02	34.930	27.75		1482.0							
	DBS	00976	04.02	34.940	27.76		1483.0							
	STO	01000	04.04	34.93	27.75	00.518	1483.5							
	DBS	01001	04.04	34.930	27.75		1483.5							
	DBS	01018	04.00	34.930	27.75		1483.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOBLE STATION DATA

REFID 31 8355	YEAR 1973	BDTOP 05515	AIR TEMP 08.0	OIR MGT PER	WIND-OIR 28	INST STO RECORDER	TEN SQ 1306
CONSEC 0006	MONTH 05	SHIP EV	WET BULB 06.8	15 2 3	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 44 50 N	DAY 19	DATA USE 1	BAROMETER 1017.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 040 33 W	HOUR 14.6	AREA 05	CLOUD T/A	CL/TR	WEATHER	DRIG 011 274	1 SQUARE 46

CASSTN/JM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	DRYG	P24	TOT P.	NO2	NO3	S103	PH
14.6	STO	00000	05.58	33.20	26.21	00.000	1471.0							
	085	00001	05.58	33.201	26.21		1471.0							
	STO	00010	05.56	33.33	26.30	00.016	1471.4							
	085	00011	05.59	33.340	26.31		1471.4							
	STO	00020	05.57	33.35	26.32	00.035	1471.5							
	065	00020	05.57	33.347	26.32		1471.5							
	065	00024	05.56	33.280	26.45		1469.8							
	STO	00030	05.24	33.33	26.56	00.051	1461.9							
	085	00030	05.15	33.356	26.56		1461.7							
	STO	00050	05.85	33.45	26.68	00.080	1460.7							
	085	00051	02.64	33.457	26.65		1460.7							
	085	00070	02.90	33.525	26.74		1461.3							
	STO	00075	02.30	33.74	26.80	00.112	1458.8							
	085	00078	01.97	33.554	26.84		1457.4							
	STO	00100	01.15	33.78	27.07	00.141	1454.5							
	085	00100	01.12	33.790	27.09		1454.4							
	085	00108	01.86	33.918	27.14		1457.5							
	STO	00125	02.22	34.11	27.27	00.163	1460.1							
	035	00125	02.23	34.120	27.27		1460.1							
	STO	00150	02.47	34.23	27.34	00.185	1461.7							
	065	00150	02.47	34.235	27.34		1461.7							
	065	00167	02.47	34.235	27.34		1452.0							
	065	00175	02.75	34.354	27.41		1463.5							
	065	00180	05.39	34.380	27.40		1465.1							
	065	00182	03.33	34.380	27.38		1466.1							
	STO	00200	02.95	34.37	27.41	00.215	1464.8							
	065	00201	02.94	34.370	27.41		1464.3							
	065	00213	02.58	34.470	27.45		1465.3							
	065	00226	03.31	34.514	27.45		1467.0							
	STO	00250	03.32	34.58	27.54	00.251	1467.5							
	085	00251	03.33	34.585	27.54		1467.6							
	085	00276	03.68	34.680	27.55		1465.6							
	STO	00300	04.06	34.72	27.58	00.276	1471.7							
	085	00300	04.07	34.725	27.58		1471.7							
	085	00325	04.14	34.767	27.61		1472.5							
	085	00350	04.41	34.665	27.66		1474.2							
	085	00375	04.45	34.860	27.65		1474.7							
	STO	00400	04.50	34.52	27.65	00.326	1475.4							
	085	00401	04.50	34.520	27.65		1475.5							
	085	00430	04.36	34.920	27.71		1475.3							
	085	00451	04.56	34.540	27.72		1475.7							
	085	00475	04.68 P	34.540	27.650*									
	085	00481	04.39	34.930	27.71		1476.3							
	STO	00500	04.45	34.51	27.69	00.375	1476.5							
	085	00500	04.45	34.910	27.65		1476.5							
	085	00525	04.37	34.543	27.72		1477.3							
	085	00550	04.36	34.925	27.71		1477.3							
	085	00576	04.47	34.540	27.71		1478.3							
	STO	00600	04.56	34.54	27.72	00.421	1478.2							
	085	00601	04.55	34.535	27.72		1478.2							
	085	00626	04.54	35.04 P	27.780									
	085	00651	04.56	34.540	27.72 *		1475.3							
	085	00675	04.32	34.950	27.73		1475.3							
	STO	00700	04.29	34.54	27.73	00.466	1479.6							
	085	00702	04.29	34.543	27.73		1479.6							
	085	00725	04.25	34.550	27.74		1475.8							
	085	00750	04.20	34.525	27.73		1480.0							
	085	00776	04.11	34.930	27.74		1480.1							
	STO	00800	04.05	34.52	27.74	00.510	1480.2							
	085	00803	04.05	34.520	27.74		1480.2							
	085	00826	04.04	34.520	27.74		1480.6							
	085	00852	04.05	34.530	27.75		1481.1							
	085	00875	04.01	34.525	27.75		1481.3							
	STO	00900	03.53	34.52	27.75	00.555	1481.3							
	085	00900	03.53	34.520	27.75		1481.3							
	085	00925	03.53	34.520	27.75		1481.8							
	085	00951	03.64	34.512	27.75		1482.0							
	085	00976	03.87	34.525	27.76		1482.4							
	STO	01000	03.66	34.55	27.78	00.598	1482.8							
	085	01001	03.86	34.550	27.78		1482.8							
	085	01018	03.65	34.537	27.77		1483.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

W O O C S T A T I O N D A T A

REFID 3. 8355	YEAR 1973	BOTOP 02240	AIR TEMP 12.0	DIR HGT PER	#IND-DIR 12	INST STD RECORDER	TEN SQ 1506
CONSEC 0350	MONTH 05	SHIP EV	WET BULB 05.0	23 2 4	WIND-SPD 07	TRACE OIR 0	5 SQUARE 2
LAT 44 25 N	DAY 19	DATA USE 1	BAROMETR 1017.6	SEA	WIND-FJR	DURATION	2 SQUARE 46
LONG 045 00 W	MOJR 16.5	AREA 05	CLOUD TFA	CL/TR	WEATHER A4	ORIG 011 275	1 SQUARE 46

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DRYD	PD4	TOT P.	NO2	NO3	SIO3	PH
18.5	STO	00000	06.51	33.33	26.15	00.000	1474.9							
	DBS	00000	06.51	33.330	26.15		1474.9							
	STO	00010	06.50	33.33	26.15	00.018	1475.3							
	DBS	00010	06.50	33.330	26.15		1475.3							
	STO	00020	06.50	33.27	26.19	00.036	1467.2							
	DBS	00020	06.50	33.270	26.19		1467.2							
	STO	00030	03.48	33.45	26.66	00.051	1463.1							
	DBS	00030	03.48	33.450	26.66		1463.1							
	STO	00050	03.27	33.71	26.85	00.077	1462.8							
	DBS	00050	03.27	33.710	26.85		1462.8							
	STO	00075	00.33	33.66	27.03	00.105	1450.3							
	DBS	00075	00.33	33.660	27.03		1450.3							
	STO	00100	01.05	34.13	27.36	00.127	1454.7							
	DBS	00100	01.05	34.130	27.36		1454.7							
	STO	00125	05.15	34.63	27.35	00.145	1473.2							
	DBS	00125	05.15	34.630	27.35		1473.2							
	STO	00150	05.88	34.76	27.40	00.163	1476.7							
	DBS	00150	05.88	34.760	27.40		1476.7							
	DBS	00160	04.76	34.47	27.300*									
	DBS	00170	05.03	34.610	27.35		1473.4							
	DBS	00175	04.51	34.570	27.41		1471.5							
	DBS	00180	04.68	34.610	27.42		1472.1							
	DBS	00190	04.40	34.590	27.44		1471.1							
	STO	00200	04.52	34.64	27.47	00.197	1471.8							
	DBS	00200	04.52	34.640	27.47		1471.8							
	DBS	00230	03.54	34.530	27.48		1468.1							
	STO	00250	04.70	34.80	27.57	00.227	1473.6							
	DBS	00250	04.70	34.800	27.57		1473.6							
	DBS	00270	05.00	34.630	27.56		1475.2							
	DBS	00280	04.47	34.750	27.56		1473.1							
	DBS	00290	05.02	34.600	27.62		1475.7							
	STO	00300	04.95	34.91	27.63	00.254	1475.8							
	DBS	00300	04.95	34.910	27.63		1475.8							
	DBS	00320	04.54	34.600	27.62		1475.9							
	DBS	00360	05.14	34.660	27.65		1477.5							
	STO	00400	04.43	34.57	27.66	00.303	1477.3							
	DBS	00400	04.43	34.570	27.66		1477.3							
	STO	00500	04.66	34.78	27.72	00.348	1477.8							
	DBS	00500	04.66	34.780	27.72		1477.8							
	STO	00600	04.53	34.55	27.74	00.352	1475.0							
	DBS	00600	04.53	34.550	27.74		1475.0							
	STO	00700	04.30	34.58	27.76	00.434	1475.6							
	DBS	00700	04.30	34.580	27.76		1475.6							
	STO	00800	04.15	34.98	27.78	00.472	1480.7							
	DBS	00800	04.15	34.980	27.78		1480.7							
	STO	00900	04.01	34.57	27.78	00.517	1481.7							
	DBS	00900	04.01	34.570	27.78		1481.7							
	STO	01000	03.55	34.56	27.78	00.555	1483.1							
	DBS	01000	03.55	34.560	27.78		1483.1							
	DBS	01020	03.51	34.560	27.75		1483.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N D A T A

REF ID: A65555 YEAR: 1973 STATION: 4457 AIR TEMP: 12.4 DIR HGT PER: 0100-01R 24 INST STO RECORDER: TEN SQ 1306
CONSEC: 0054 MONTH: 05 SHIP EV: MET GUL: 10.6 DO: 0 X WIND-SPD: 05 TRACE DIR: 0 5 SQUARE 2
LAT: 42 55 N DAY: 19 DATA USE: 1 BAROMETR: 1017.7 SEA: WIND-FOR: DURATION: 2 SQUARE 24
LONG: 045 30 W HOUR: 23.2 AREA: 35 CLOUD: T/A CL/TR: WEATHER: X4 ORIG: 011 276 1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTm	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	XYG	P34	TOT P-	NO2	NO3	SIO3	Ph
13.2	STD	00000	05.77	35.42	26.20	00.000	1471.6							
	OBS	00001	05.77	35.220	26.20		1471.6							
	OBS	00003	05.84	35.205	26.18		1472.1							
	STD	00010	05.15	35.15	26.22	00.018	1465.5							
	OBS	00011	05.07	35.140	26.22		1465.3							
	OBS	00013	05.01	35.160	26.24		1468.6							
	OBS	00019	01.65	35.522	26.36		1454.1							
	STD	00020	01.50	35.11	26.53	00.035	1453.1							
	OBS	00023	01.12	35.427	26.64		1452.3							
	OBS	00024	00.30	35.165	26.63		1468.5							
	OBS	00028	03.14	35.105	26.59		1447.8							
	STD	00030	- 0.21	35.15	26.68	00.045	1446.3							
	OBS	00030	- 0.26	35.207	26.65		1446.3							
	OBS	00032	- 0.32	35.160	26.66		1445.6							
	OBS	00034	00.11	35.340	26.76		1446.1							
	OBS	00036	00.34	35.435	26.84		1447.9							
	OBS	00040	00.25	35.465	26.88		1445.3							
	OBS	00045	- 0.16	35.330	26.79		1447.0							
	OBS	00048	- 0.36	35.345	26.81		1446.1							
	OBS	00049	- 0.07	35.360	26.81		1447.5							
	STD	00050	- 0.10	35.36	26.83	00.075	1447.4							
	OBS	00051	- 0.15	35.427	26.87		1447.1							
	OBS	00055	- 1.03	35.420	26.90		1445.3							
	OBS	00060	- 1.10	35.460	26.95		1443.1							
	STD	00073	- 0.50	35.55	27.00	00.104	1444.3							
	OBS	00076	- 0.88	35.555	27.00		1444.5							
	OBS	00065	- 0.65	35.555	27.02		1445.6							
	OBS	00067	- 0.14	35.665	27.07		1446.4							
	OBS	00091	00.06	35.740	27.11		1449.4							
	STD	00103	03.58	34.15	27.17	00.129	1465.6							
	OBS	00100	05.78	34.175	27.17		1466.5							
	OBS	00104	04.26	34.240	27.18		1468.6							
	OBS	00108	04.61	34.242	27.14		1470.2							
	STD	00125	04.62	34.35	27.21	00.151	1470.6							
	OBS	00125	04.62	34.327	27.21		1470.6							
	OBS	00127	04.71	34.327	27.20		1471.3							
	OBS	00125	05.06	34.364	27.20		1472.6							
	OBS	00137	05.35	34.505	27.26		1474.2							
	OBS	00140	05.86	34.550	27.24		1476.2							
	STD	00150	05.91	34.57	27.25	00.173	1476.6							
	OBS	00150	05.91	34.570	27.25		1476.6							
	OBS	00173	05.50	34.582	27.31		1475.4							
	OBS	00176	05.59	34.570	27.31		1475.3							
	OBS	00184	05.43	34.577	27.31		1475.2							
	OBS	00194	04.52	34.510	27.36		1471.6							
	STD	00200	04.45	34.50	27.36	00.213	1471.3							
	OBS	00201	04.44	34.455	27.36		1471.3							
	OBS	00205	04.50	34.530	27.38		1471.8							
	OBS	00213	04.50	34.582	27.38		1473.6							
	OBS	00226	04.55	34.564	27.37		1474.0							
	OBS	00230	05.00	34.600	27.38		1474.3							
	OBS	00243	04.63	34.630	27.42		1473.8							
	STD	00250	05.31	34.72	27.43	00.245	1476.3							
	OBS	00251	05.35	34.730	27.44		1476.4							
	OBS	00276	05.26	34.720	27.44		1476.2							
	STD	00300	05.14	34.84	27.55	00.280	1476.5							
	OBS	00302	05.13	34.843	27.56		1476.3							
	OBS	00325	05.02	34.860	27.58		1476.3							
	OBS	00350	05.34	34.535	27.58		1478.0							
	OBS	00359	05.26	34.875	27.57		1477.8							
	OBS	00367	04.64	34.775	27.56		1475.3							
	OBS	00373	04.68	34.860	27.62		1475.7							
	STD	00400	04.45	34.83	27.63	00.335	1475.1							
	OBS	00401	04.43	34.830	27.63		1475.3							
	OBS	00436	04.61	34.923	27.66		1477.1							
	OBS	00451	05.15	34.545	27.64		1479.3							
	OBS	00475	05.15	35.030	27.70		1475.5							
	STD	00500	05.24	35.35	27.71	00.364	1483.3							
	OBS	00500	05.24	35.353	27.71		1483.3							
	OBS	00527	05.30	35.020	27.71		1475.7							
	OBS	00552	04.76	35.320	27.74		1475.2							
	OBS	00576	04.73	35.030	27.75		1475.5							
	STD	00600	04.75	35.04	27.76	00.426	1475.6							
	OBS	00601	04.75	35.340	27.76		1483.3							
	OBS	00626	04.62	35.060	27.76		1483.7							
	OBS	00652	04.78	35.060	27.77		1481.0							
	OBS	00675	04.76	35.060	27.77		1481.3							
	STD	00700	04.73	35.06	27.78	00.470	1461.5							
	OBS	00700	04.73	35.060	27.78		1481.5							
	OBS	00725	04.67	35.053	27.78		1481.7							
	OBS	00750	04.70	35.070	27.79		1482.3							
	OBS	00776	04.67	35.067	27.79		1482.6							
	STD	00800	04.52	35.06	27.80	00.510	1482.3							
	OBS	00801	04.52	35.060	27.80		1482.4							
	OBS	00826	04.53	35.350	27.75		1482.7							
	OBS	00850	04.43	35.050	27.80		1482.8							
	OBS	00875	04.56	35.350	27.81		1485.3							
	STD	00900	04.33	35.04	27.81	00.550	1483.1							
	OBS	00900	04.50	35.040	27.61		1485.1							
	OBS	00925	04.29	35.040	27.61		1483.4							
	OBS	00951	04.25	35.030	27.80		1483.7							
	OBS	00976	04.21	35.030	27.81		1485.9							
	STD	01000	04.16	35.03	27.61	00.590	1484.1							
	OBS	01001	04.16	35.027	27.81		1484.1							
	OBS	01025	04.12	35.320	27.81		1484.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O L S T A T I O N O A T A

REFID 31 6355	YEAR 1973	BOTOP 04046	AIR TEMP 06.0	DIR HOT PER	*IND-DIR 00	INST STD RECDROER	TEN SW 1330
CONSEC 0092	MONTH 05	SHIP EV	NET BULB 05.5	00 0	*IND-SPD 00	TRACE DIR 0	5 SQUARE 2
LAT 44 03.5N	DAY 20	DATA USE 1	BAROMETER 1017.8	SEA	*IND-FOR	DURATION	2 SQUARE 46
LONG 046 11.0W	MDR 02.7	AREA 05	CLOUD T/A	CL/TX	WEATHER X4	ORIG 011 277	1 SQUARE 46

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMTH	SNO VEL	OAYG	PD4	TOT P-	NO2	NO3	SIO3	PH
02.7	STD	00000	04.75	33.44	26.25	00.000	1467.5							
	OBS	00001	04.75	33.140	26.25		1467.5							
	OBS	00007	04.75	33.130	26.24		1467.6							
	STD	00010	04.50	33.13	26.27	00.010	1466.6							
	OBS	00013	03.59	33.130	26.36		1462.8							
	OBS	00015	02.76	33.000	26.33		1455.1							
	OBS	00017	01.27	33.210	26.61		1452.8							
	STD	00020	- 0.74	33.27	26.77	00.035	1443.8							
	OBS	00020	- 1.20	33.290	26.80		1441.7							
	STD	00030	- 1.43	33.35	26.85	00.045	1440.8							
	OBS	00030	- 1.44	33.350	26.85		1440.8							
	OBS	00040	- 1.60	33.340	26.85		1440.2							
	OBS	00040	- 1.51	33.370	26.87		1440.7							
	OBS	00047	- 0.84	33.490	26.95		1444.1							
	STD	00050	- 0.68	33.51	26.95	00.065	1444.5							
	OBS	00051	- 0.59	33.520	26.96		1445.4							
	OBS	00053	- 0.48	33.540	26.57		1445.5							
	OBS	00055	00.23	33.620	27.00		1445.3							
	OBS	00057	00.69	33.660	27.01		1451.5							
	OBS	00062	00.62	33.670	27.01		1451.2							
	OBS	00064	01.11	33.700	27.02		1453.6							
	OBS	00066	02.47	33.830	27.02		1456.8							
	OBS	00070	02.58	33.850	27.02		1461.2							
	STD	00075	03.16	33.85	27.00	00.050	1463.1							
	OBS	00076	03.21	33.885	27.00		1463.3							
	OBS	00081	03.13	33.855	27.01		1463.0							
	OBS	00085	02.78	33.854	27.04		1461.6							
	STD	00100	02.78	33.89	27.04	00.122	1461.8							
	OBS	00100	02.78	33.890	27.04		1461.8							
	OBS	00104	02.87	33.857	27.04		1462.3							
	OBS	00108	03.26	34.02	27.100									
	STD	00125	03.16	33.51	27.02	00.148	1463.5							
	OBS	00125	03.16	33.910	27.02		1463.5							
	OBS	00127	03.16	33.910	27.02		1463.9							
	OBS	00146	02.73	33.890	27.05		1462.3							
	STD	00150	02.55	33.55	27.11	00.174	1463.5							
	OBS	00150	02.56	34.000	27.11		1463.6							
	OBS	00149	04.13	34.170	27.13		1469.1							
	OBS	00171	04.73	34.240	27.13		1471.7							
	OBS	00175	04.74	34.260	27.13		1472.0							
	OBS	00168	04.57	34.230	27.09		1473.0							
	OBS	00154	05.06	34.510	27.20		1477.1							
	OBS	00142	06.42	34.580	27.19		1479.4							
	STD	00200	05.51	34.45	27.18	00.221	1475.6							
	OBS	00205	04.25	34.255	27.19		1470.5							
	OBS	00211	03.14	34.130	27.20		1465.5							
	OBS	00215	03.05	34.170	27.24		1465.2							
	OBS	00220	02.13	34.020	27.20		1461.1							
	OBS	00226	01.63	34.032	27.25		1455.0							
	OBS	00230	01.53	34.040	27.26		1458.7							
	OBS	00237	04.65	34.587	27.35		1473.6							
	OBS	00245	04.25	34.520	27.40		1471.3							
	OBS	00247	04.23	34.530	27.41		1471.3							
	STD	00250	05.09	34.66	27.42	00.261	1475.1							
	OBS	00251	05.48	34.725	27.42		1476.7							
	OBS	00272	05.63	34.850	27.50		1477.5							
	OBS	00274	06.00	34.878	27.46		1475.4							
	OBS	00277	06.11	34.850	27.44		1475.5							
	OBS	00295	06.45	34.530	27.45		1461.6							
	OBS	00258	06.14	34.845	27.43		1480.3							
	STD	00300	06.11	34.86	27.45	00.250	1460.5							
	OBS	00300	06.05	34.865	27.46		1480.0							
	OBS	00306	04.11	34.550	27.47		1471.8							
	OBS	00323	03.91	34.600	27.500									
	OBS	00325	04.30	34.600	27.46		1473.0							
	OBS	00336	04.30	34.555	27.45		1473.1							
	OBS	00344	03.54	34.580	27.46		1471.7							
	OBS	00350	04.12	34.700	27.56		1472.7							
	OBS	00357	04.14	34.693	27.55		1472.5							
	OBS	00363	03.45	34.590	27.54		1470.0							
	OBS	00374	03.48	34.550	27.53		1470.2							
	OBS	00380	03.80	34.692	27.58		1471.5							
	STD	00400	04.55	34.85	27.62	00.356	1475.7							
	OBS	00403	04.60	34.853	27.63		1475.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N D O C S T A T I O N D A T A														
CAS/NOY/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
085	00411	04.48	34.845	27.63			1475.4							
085	00426	04.81	34.870	27.62			1477.1							
085	00451	04.95	34.920	27.64			1476.1							
085	00475	04.92	34.930	27.65			1478.4							
STD	00500	05.03	34.97	27.67		00.407	1475.2							
085	00502	05.03	34.970	27.67			1475.4							
085	00527	04.98	35.020	27.71			1475.6							
085	00546	04.66	35.020	27.73			1479.5							
085	00550	04.86	35.025	27.73			1479.5							
085	00576	04.67	35.030	27.74			1480.0							
STD	00600	05.15	35.05	27.72		00.455	1481.6							
085	00601	05.16	35.050	27.72			1481.7							
085	00626	05.06	35.080	27.75			1481.7							
085	00651	04.85	35.060	27.76			1481.4							
085	00675	04.79	35.060	27.77			1481.4							
STD	00700	04.77	35.06	27.77		00.495	1481.7							
085	00700	04.77	35.060	27.77			1481.7							
085	00725	04.84	35.080	27.78			1482.4							
085	00750	04.76	35.073	27.78			1482.6							
085	00776	04.75	35.060	27.77			1485.1							
STD	00800	04.77	35.06	27.77		00.541	1483.4							
085	00801	04.77	35.060	27.77			1483.4							
085	00826	04.73	35.050	27.77			1483.6							
085	00850	04.63	35.075	27.80			1483.6							
085	00875	04.54	35.060	27.80			1483.7							
STD	00900	04.44	35.06	27.80		00.583	1483.9							
085	00900	04.49	35.060	27.80			1482.5							
085	00925	04.43	35.050	27.80			1484.0							
085	00951	04.41	35.050	27.80			1484.4							
085	00976	04.34	35.050	27.81			1484.7							
STD	01000	04.36	35.04	27.80		00.624	1485.0							
085	01001	04.36	35.043	27.80			1485.0							
085	01016	04.24	35.039	27.81			1485.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A

REFID 51 8555	YEAR 1973	BOTOP 05082	AIR TEMP 04.9	OIR MGT PER	WIND-OIR 35	INSI STO RECORDER	TEN S2 1536
CONSEC 0055	MONTH 05	SHIP TV	WET BULB 04.7	22 1 2	WIND-SPO 05	TRACE OIR	5 SQUARE 2
LAT 44 12 N	DAY 20	DATA USE 1	BAROMETER 1017.9	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 54 W	MOU 06.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 278	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OAYD	PO4	TOT P.	NO2	NO3	SIC3	PH
06.7	STO	00000	09.07	34.24	26.53	00.000	1486.0							
	OBS	00003	09.07	34.242	26.53		1486.0							
	STO	00010	09.20	34.44	26.66	00.015	1487.1							
	OBS	00011	09.29	34.473	26.68		1487.3							
	STO	00020	09.42	34.54	26.71	00.028	1486.0							
	OBS	00020	09.43	34.567	26.74		1486.1							
	OBS	00025	09.53	34.540	27.610									
	STO	00030	09.40	34.63	26.77	00.041	1486.4							
	OBS	00030	09.40	34.595	26.75		1486.4							
	OBS	00034	09.58	34.880	26.88		1490.7							
	OBS	00038	10.13	34.917	26.88		1491.4							
	OBS	00040	10.53	35.205	27.04		1493.2							
	STO	00050	10.61	35.21	27.05	00.065	1493.7							
	OBS	00051	10.62	35.210	27.03		1493.7							
	STO	00075	10.44	35.18	27.04	00.091	1493.4							
	OBS	00076	10.43	35.180	27.04		1493.4							
	OBS	00099	10.28	35.160	27.05		1493.2							
	STO	00100	10.43	35.14	27.04	00.117	1493.0							
	OBS	00101	10.11	35.076	27.01		1492.6							
	STO	00125	09.51	35.02	27.07	00.143	1490.7							
	OBS	00125	09.50	35.020	27.07		1490.6							
	OBS	00131	09.42	35.030	27.09		1490.5							
	OBS	00135	09.10	34.930	27.07		1489.2							
	OBS	00139	09.05	34.920	27.07		1489.1							
	OBS	00140	08.81	34.880	27.06		1488.1							
	OBS	00146	08.15	34.720	27.05		1485.5							
	STO	00150	07.18	34.60	27.10	00.165	1481.7							
	OBS	00150	07.10	34.567	27.10		1481.4							
	OBS	00156	06.70	34.590	27.15		1480.2							
	OBS	00155	07.04	34.552	27.11		1481.3							
	OBS	00163	07.06	34.580	27.10		1481.4							
	OBS	00165	07.60	34.720	27.13		1483.7							
	OBS	00175	07.83	34.850	27.20		1485.0							
	STO	00200	07.62	34.67	27.22	00.216	1485.3							
	OBS	00201	07.82	34.870	27.22		1485.4							
	OBS	00216	08.21	34.925	27.20		1487.2							
	OBS	00224	07.50	34.810	27.21		1484.7							
	OBS	00232	07.17	34.735	27.21		1483.2							
	OBS	00245	07.01	34.730	27.23		1482.6							
	OBS	00247	06.68	34.705	27.25		1481.5							
	STO	00250	06.73	34.72	27.26	00.260	1481.7							
	OBS	00253	06.79	34.740	27.26		1482.0							
	OBS	00262	06.93	34.737	27.24		1482.7							
	OBS	00270	07.88	35.045	27.35		1487.0							
	OBS	00276	08.14	35.070	27.33		1486.1							
	OBS	00298	07.71	35.040	27.37		1486.6							
	STO	00300	07.34	35.02	27.38	00.301	1486.1							
	OBS	00304	06.55	34.940	27.35		1485.9							
	OBS	00316	06.70	34.850	27.36		1486.4							
	OBS	00321	06.17	34.730	27.340									
	OBS	00327	05.52	34.720	27.30		1475.6							
	OBS	00334	05.05	34.820	27.47		1475.4							
	OBS	00339	05.57	34.910	27.51		1480.8							
	OBS	00365	06.58	35.030	27.52		1483.5							
	OBS	00375	06.04	35.030	27.52		1483.7							
	OBS	00384	06.67	35.020	27.50		1484.1							
	OBS	00395	05.40	34.830	27.51		1478.9							
	STO	00400	05.36	34.85	27.53	00.370	1478.9							
	OBS	00401	05.34	34.850	27.54		1478.8							
	OBS	00415	05.18	34.857	27.55		1478.4							
	OBS	00422	05.76	34.940	27.56		1481.0							
	OBS	00426	05.83	34.930	27.54		1481.3							
	OBS	00451	06.04	35.067	27.62		1482.8							
	OBS	00475	05.66	35.050	27.63		1482.4							
	STO	00500	05.77	35.04	27.64	00.427	1482.4							
	OBS	00503	05.65	35.040	27.65		1482.0							
	OBS	00505	05.04	35.05	27.720									
	OBS	00550	05.17	34.930	27.610									
	OBS	00576	04.91	34.930	27.65		1480.1							
	STO	00600	04.63	34.94	27.69	00.478	1479.3							
	OBS	00600	04.63	34.940	27.69		1479.3							
	OBS	00626	04.90	35.040	27.73		1481.2							
	OBS	00651	04.50	35.030	27.73		1481.4							
	OBS	00675	04.76	35.030	27.75		1481.2							
	STO	00700	04.52	35.02	27.77	00.523	1480.6							
	OBS	00701	04.52	35.023	27.77		1480.6							
	OBS	00729	04.63	35.025	27.76		1481.6							
	OBS	00750	04.55	34.94	27.70									
	OBS	00776	04.55	35.030	27.77		1482.0							
	STO	00800	04.41	35.02	27.78	00.564	1481.8							
	OBS	00800	04.41	35.020	27.78		1481.6							
	OBS	00826	04.45	35.020	27.77		1482.4							
	OBS	00850	04.44	35.020	27.78		1482.6							
	OBS	00875	04.45	35.030	27.76		1483.3							
	STO	00900	04.20	35.02	27.61	00.605	1482.6							
	OBS	00901	04.20	34.93	27.730									
	OBS	00925	04.29	34.940	27.76		1483.6							
	OBS	00951	04.25	34.94	27.730									
	OBS	00976	04.24	34.94	27.730									
	STO	01000	04.19	35.02	27.61	00.645	1484.3							
	OBS	01001	04.16	34.93	27.730									
	OBS	01016	04.32	35.030	27.80		1485.1							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A

REF ID 31 8350	YEAR 1973	BOAT 03667	AIR TEMP 10.0	OIR MGT PER	WIND-OIR 05	INST STD RECORDER	TEN SQ 1306
CONSEC 0094	MOYIM 05	SHIP EV	WET GULB 08.5	00 0 X	WIND-SPD 06	TRACE OIR 0	5 SQUARE 2
LAT 44 21 N	DAY 20	DATA USE 1	BAROMETR 1017.5	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 34 W	MOUR 10.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 279	1 SQUARE 47

CASHTJM/IME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYN DPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
10.5	STO	0000	10.61	34.88	26.77	00.000	1492.4							
	OBS	0001	10.61	34.860	26.77		1492.5							
	STO	0010	10.61	34.51	26.60	00.013	1451.6							
	OBS	0011	10.61	34.515	26.60		1452.7							
	STO	0020	10.61	34.90	26.79	00.025	1451.8							
	OBS	0021	10.61	34.900	26.79		1451.8							
	STO	0030	10.55	34.67	26.77	00.036	1451.7							
	OBS	0031	10.55	34.667	26.77		1452.7							
	STO	0035	10.50	35.05	26.85	00.063	1454.5							
	OBS	0036	10.52	35.067	26.86		1454.0							
	STO	0045	11.19	35.27	26.97	00.092	1456.2							
	OBS	0046	11.19	35.270	26.97		1456.2							
	STO	0050	11.02	35.27	27.00	00.120	1456.0							
	OBS	0051	11.01	35.266	27.00		1456.0							
	STO	0125	10.83	35.27	27.03	00.147	1455.8							
	OBS	0126	10.83	35.270	27.04		1455.8							
	STO	00150	10.70	35.21	27.01	00.174	1455.5							
	OBS	00151	10.70	35.210	27.01		1455.6							
	STO	00173	10.66	35.220	27.02		1456.0							
	OBS	00176	11.55	35.610	27.05		1501.0							
	STO	00200	12.08	35.61	27.07	00.226	1501.8							
	OBS	00201	12.08	35.610	27.07		1501.8							
	STO	00217	12.07	35.615	27.07		1502.0							
	OBS	00224	11.41	35.412	27.04		1455.6							
	STO	00226	11.36	35.400	27.04		1455.5							
	OBS	00232	11.38	35.414	27.05		1455.6							
	STO	00237	10.88	35.290	27.04		1457.8							
	OBS	00243	10.57	35.360	27.15		1456.9							
	STO	00247	10.84	35.400	27.13		1456.0							
	OBS	00249	10.79	35.343	27.14	00.279	1457.8							
	STO	00250	10.71	35.36	27.14		1497.5							
	OBS	00255	10.25	35.280	27.15		1495.8							
	STO	00258	10.20	35.275	27.15		1495.7							
	OBS	00268	05.53	35.080	27.11		1493.2							
	STO	00270	09.47	35.377	27.12		1495.0							
	OBS	00272	09.09	35.030	27.15		1451.5							
	STO	00274	09.00	35.020	27.15		1491.2							
	OBS	00276	08.32	34.870	27.14		1488.5							
	STO	00279	08.26	34.937	27.20		1488.4							
	OBS	00285	08.08	34.880	27.15		1487.7							
	STO	00287	08.11	34.890	27.15		1487.9							
	OBS	00291	08.36	34.535	27.15		1485.0							
	STO	00293	08.35	34.520	27.18		1489.0							
	OBS	00295	08.01	34.870	27.15		1487.6							
	STO	00300	07.58	34.87	27.20	00.327	1487.6							
	OBS	00300	07.97	34.870	27.20		1487.6							
	STO	00325	07.58	34.870	27.25		1486.5							
	OBS	00350	07.12	34.840	27.30		1485.1							
	STO	00357	06.82	34.760	27.25		1483.9							
	OBS	00375	06.54	34.850	27.35		1484.8							
	STO	00400	06.75	34.85	27.36	00.414	1484.4							
	OBS	00401	06.74	34.850	27.36		1484.4							
	STO	00426	06.70	34.880	27.35		1484.7							
	OBS	00451	07.08	35.057	27.47		1486.9							
	STO	00475	07.12	35.070	27.48		1487.4							
	OBS	00498	06.66	35.060	27.51		1486.8							
	STO	00530	06.80	35.05	27.51	00.486	1486.6							
	OBS	00515	06.32	34.975	27.51		1484.8							
	STO	00525	06.22	34.540	27.50		1484.5							
	OBS	00550	05.54	35.03 P	27.610									
	STO	00576	05.59	34.540	27.58		1482.8							
	OBS	00600	05.46	34.52	27.58	00.545	1482.7							
	STO	00607	05.33	34.523	27.55		1482.5							
	OBS	00626	05.08	34.520	27.62		1481.6							
	STO	00651	04.57	34.520	27.64		1481.5							
	OBS	00675	05.03	35.030	27.72		1481.3							
	STO	00700	04.54	35.04	27.73	00.602	1482.4							
	OBS	00702	04.53	35.037	27.73		1482.4							
	STO	00727	04.62	35.020	27.72		1482.3							
	OBS	00751	04.72	35.020	27.74		1482.3							
	STO	00776	04.75	35.04 P	27.76									
	OBS	00800	04.66	34.56	27.70	00.645	1482.6							
	STO	00801	04.65	35.02 P	27.75									
	OBS	00826	04.48	34.540	27.71		1482.4							
	STO	00850	04.41	34.533	27.71		1482.5							
	OBS	00877	04.36	34.520	27.71		1482.6							
	STO	00900	04.33	34.53	27.72	00.656	1483.0							
	OBS	00900	04.33	34.533	27.72		1483.0							
	STO	00913	04.32	34.530	27.72		1483.4							
	OBS	00950	04.25	34.540	27.73		1483.6							
	STO	00976	04.27	34.540	27.73		1484.1							
	OBS	01000	04.23	34.53	27.73	00.746	1484.3							
	STO	01001	04.23	34.533	27.73		1484.3							
	OBS	01014	04.20	34.530	27.73		1484.4							
	STO	01016	04.21	34.530	27.73		1484.5							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A

REFID 51 8355	YEAR 1973	6010P 03567	AIR TEMP 08.0	OIR HGT PER	WIND-OIR 32	INST STO RECORDER	TEN SO 1306
CONSEC 0055	MOYTH 05	SHIP EV	WET BULB 07.6	04 2 3	WIND-SPD 04	TRACE OIR	5 SWJARE 2
LAT 44 29 N	DAY 20	DATA USE 1	BAROMETER 1018.2	SEA	WIND-FOR	DURATION	2 SWJARE 4E
LONG 045 05 W	MOJY 13.8	ARC4 05	CLOUDS T/A	CL/TA	WEATHER 44	ORIG 011 280	1 SWJARE 4E

CASHTIME	LVLTYF	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNJ VEL	OXYG	PO4	TOT P	NO2	NO3	SIJ3	PH
13.8	STC	00000	05.28	33.20	26.24	00.000	1465.8							
	085	00001	05.28	33.200	26.24		1465.8							
	STC	00010	05.10	33.20	26.25	00.018	1465.4							
	085	00011	05.10	33.200	26.25		1465.5							
	STC	00020	05.27	33.20	26.24	00.036	1470.0							
	085	00020	05.28	33.200	26.24		1470.1							
	085	00022	04.61	33.135	26.24		1468.1							
	085	00024	03.54	32.974	26.24		1462.6							
	085	00026	02.63	33.280	26.57		1455.1							
	STC	00030	02.34	33.35	26.65	00.052	1458.0							
	085	00030	02.30	33.360	26.66		1457.6							
	085	00034	02.01	33.437	26.74		1456.7							
	085	00036	02.01	33.440	26.76		1456.9							
	085	00040	01.73	33.550	26.64		1455.7							
	085	00044	01.55	33.606	26.51		1455.2							
	STC	00050	01.46	33.64	26.42	00.077	1455.2							
	085	00051	01.50	33.650	26.54		1455.4							
	085	00053	02.18	33.712	26.45		1456.2							
	085	00055	02.29	33.735	26.56		1458.7							
	085	00057	02.63	33.762	26.57		1460.3							
	085	00060	02.78	33.820	26.95		1461.1							
	085	00064	02.32	33.790	27.00		1459.1							
	085	00068	01.24	33.700	27.01		1454.2							
	085	00070	01.20	33.750	27.03		1454.1							
	085	00072	01.50	33.755	27.03		1455.5							
	STC	00075	01.50	33.80	27.07	00.104	1455.7							
	085	00076	01.53	33.820	27.08		1455.6							
	085	00079	01.73	33.853	27.10		1456.8							
	085	00085	02.23	33.510	27.10		1459.2							
	085	00089	02.12	33.510	27.11		1458.8							
	085	00093	02.32	33.505	27.09		1455.7							
	085	00095	03.19	34.045	27.13		1463.8							
	STC	00100	01.20	34.04	27.12	00.128	1463.8							
	085	00100	03.21	34.035	27.12		1463.5							
	085	00119	02.75	34.033	27.15		1462.4							
	STC	00125	03.53	34.17	27.19	00.152	1465.8							
	085	00125	03.57	34.170	27.19		1466.0							
	085	00127	03.64	34.160	27.18		1466.5							
	085	00135	03.30	34.150	27.20		1465.0							
	085	00139	02.75	34.130	27.24		1462.6							
	085	00140	02.77	34.160	27.26		1462.8							
	085	00146	03.61	34.240	27.24		1466.0							
	STC	00150	03.75	34.24	27.23	00.173	1467.4							
	085	00150	03.81	34.245	27.23		1467.5							
	085	00165	04.02	34.240	27.20		1468.0							
	085	00169	04.35	34.374	27.28		1470.2							
	085	00175	04.25	34.345	27.26		1470.1							
	085	00177	04.27	34.340	27.26		1470.0							
	085	00182	03.52	34.244	27.26		1468.8							
	085	00185	04.14	34.366	27.31		1465.7							
	085	00190	04.16	34.360	27.30		1469.8							
	085	00196	05.45	34.580	27.31		1475.5							
	STC	00200	06.25	34.73	27.32	00.215	1475.2							
	085	00207	07.05	34.665	27.33		1482.5							
	085	00209	07.06	34.670	27.33		1462.6							
	085	00215	07.51	34.940	27.32		1464.5							
	085	00226	07.50	34.923	27.31		1464.6							
	085	00230	07.38	34.920	27.32		1464.2							
	085	00234	06.45	34.777	27.31		1481.2							
	085	00237	06.20	34.710	27.32		1475.4							
	085	00241	05.45	34.682	27.33		1478.4							
	085	00249	04.37	34.440	27.32		1471.8							
	STC	00250	04.26	34.42	27.32	00.254	1471.3							
	085	00253	03.75	34.367	27.33		1465.3							
	085	00257	03.45	34.370	27.36		1467.5							
	085	00266	04.80	34.555	27.40		1474.0							
	085	00270	04.86	34.620	27.41		1474.4							
	085	00277	04.69	34.627	27.44		1473.8							
	STC	00300	05.08	34.87	27.59	00.288	1476.1							
	085	00340	05.63	34.930	27.57		1479.1							
	085	00342	05.65	34.920	27.55		1475.2							
	085	00350	04.68	34.770	27.55		1475.2							
	085	00356	03.23	34.570	27.54		1468.9							
	085	00363	03.22	34.575	27.55		1469.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A													
CASSTN/JTIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3 PH
085	03507	02.23	34.465	27.56			1464.6						
085	03575	02.28	34.510	27.58			1465.0						
085	03560	03.33	34.453	27.60			1465.8						
085	03562	03.27	34.52 P	27.500*									
085	03586	02.94	34.710	27.680									
085	03586	03.35	34.81 P	27.724									
085	03593	03.65	34.725	27.62 *			1471.4						
085	03597	04.51	34.660	27.64			1475.4						
085	03600	04.61	34.66	27.63		00.341	1475.0						
STC	03631	04.68	34.665	27.63			1476.1						
085	03628	04.86	34.520	27.65			1477.4						
085	03651	04.57	34.515	27.63			1478.2						
085	03675	04.57	34.555	27.65			1478.6						
085	03679	04.93	34.520	27.64			1478.5						
085	03685	04.41	34.520	27.70			1476.5						
085	03693	04.18	34.520	27.73			1475.6						
STC	03500	04.37	34.54	27.72		00.388	1476.6						
085	03500	04.41	34.537	27.71			1476.7						
085	03534	04.73	35.02 P	27.740									
085	03521	04.86	35.06 P	27.760									
085	03529	04.69	34.537	27.68 *			1478.4						
085	03550	04.41	34.540	27.72			1477.6						
085	03576	04.47	34.51 P	27.690*									
STC	03600	04.30	34.52	27.71		00.433	1477.9						
085	03601	04.30	34.55 P	27.740									
085	03626	04.36	34.510	27.70 *			1478.6						
085	03651	04.59	34.920	27.71			1476.7						
085	03677	04.34	34.535	27.72			1475.4						
STC	03700	04.19	34.54	27.74		00.478	1479.1						
085	03702	04.18	34.540	27.74			1475.1						
085	03725	04.20	34.520	27.72			1475.6						
085	03750	04.23	34.930	27.73			1460.1						
085	03776	04.16	34.520	27.73			1480.3						
STC	03800	04.18	34.53	27.73		00.522	1460.7						
085	03801	04.18	34.530	27.73			1460.8						
085	03826	04.17	34.523	27.73			1461.1						
085	03850	04.09	34.520	27.73			1461.2						
085	03873	04.10	34.920	27.73			1461.6						
STC	03900	04.02	34.52	27.74		00.568	1461.7						
085	03900	04.02	34.55 P	27.770									
085	03925	04.02	34.913	27.74 *			1462.1						
085	03951	04.14	34.540	27.75			1463.1						
085	03976	04.12	34.540	27.75			1463.4						
STC	01000	04.08	34.53	27.74		00.613	1463.7						
085	01001	04.08	34.530	27.74			1463.7						
085	01020	04.13	34.543	27.75			1464.2						

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 455	YEAR 1973	BOTGP 03005	AIR TEMP 12.3	OIR MGT PER	WIND-GIR 33	INST STD RECORDER	TEN SQ 1336
CONSEC 0056	MONTH 05	SHIP EV	WET BULB 11.0	OT 0 3	WIND-SPO 03	TRACE OIR 0	5 SQUARE 2
LAT 44 34 N	DAY 20	DATA USE 1	BAROMETER 1018.6	SEA	WIND-FDR	DURATION	2 SQUARE 48
LONG 048 27 W	MOJR 17.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 281	1 SQUARE 48

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PC4	TOT P	NO2	NO3	SIO3	PH
17.0	STO	00030	04.45	33.07	26.23	00.000	1466.2							
	OBS	00031	04.45	33.070	26.23		1466.2							
	OBS	00033	04.45	33.100	26.25		1466.3							
	STO	00010	03.55	33.14	26.34	00.017	1464.3							
	OBS	00011	03.66	33.150	26.35		1464.0							
	OBS	00016	03.53	33.144	26.38		1462.7							
	STO	00020	03.45	33.04	26.30	00.035	1462.2							
	OBS	00024	02.24	32.587	26.37		1457.0							
	OBS	00026	01.35	33.163	26.59		1453.3							
	OBS	00028	00.55	33.180	26.61		1451.6							
	STO	00030	00.06	33.20	26.63	00.050	1451.2							
	OBS	00030	00.03	33.206	26.64		1451.1							
	OBS	00034	00.01	33.207	26.65		1450.2							
	OBS	00036	00.56	33.310	26.73		1450.2							
	OBS	00038	00.72	33.325	26.74		1450.9							
	OBS	00045	00.72	33.322	26.74		1451.0							
	OBS	00047	00.45	33.340	26.77		1449.7							
	OBS	00049	- 0.04	33.350	26.78		1447.6							
	STO	00050	- 0.07	33.34	26.79	00.077	1447.5							
	OBS	00051	- 0.13	33.347	26.80		1447.2							
	OBS	00053	- 0.13	33.340	26.80		1447.2							
	OBS	00070	- 0.78	33.540	26.98		1444.9							
	STO	00075	- 0.53	33.55	27.00	00.106	1444.2							
	OBS	00076	- 0.54	33.550	27.00		1444.2							
	OBS	00081	- 0.62	33.680	27.10		1445.0							
	OBS	00095	- 0.55	33.810	27.19		1446.7							
	STO	00100	- 0.44	33.81	27.19	00.131	1447.3							
	OBS	00100	- 0.35	33.815	27.19		1447.7							
	STO	00125	00.14	34.01	27.32	00.151	1450.6							
	OBS	00125	00.15	34.016	27.33		1450.7							
	STO	00150	00.64	34.17	27.42	00.165	1453.5							
	OBS	00150	00.65	34.170	27.42		1453.6							
	OBS	00175	01.15	34.280	27.48		1456.4							
	OBS	00180	01.38	34.310	27.49		1457.6							
	OBS	00186	02.14	34.390	27.49		1461.1							
	STO	00200	02.35	34.48	27.57	00.195	1461.2							
	OBS	00201	02.08	34.495	27.58		1461.2							
	OBS	00215	02.17	34.537	27.61		1461.9							
	OBS	00217	02.51	34.580	27.62		1463.5							
	OBS	00222	02.67	34.600	27.62		1464.3							
	OBS	00228	03.35	34.700	27.63		1467.5							
	OBS	00234	04.21	34.850	27.67		1471.4							
	OBS	00236	04.43	34.865	27.65		1472.4							
	OBS	00247	04.21	34.860	27.67		1471.6							
	OBS	00249	04.48	34.870	27.65		1472.8							
	STO	00250	04.49	34.87	27.65	00.224	1472.8							
	OBS	00251	04.51	34.863	27.64		1472.9							
	OBS	00257	05.31	35.03 P	27.680									
	OBS	00276	04.75	34.87 P	27.624									
	STO	00300	04.64	34.94	27.69	00.248	1474.4							
	OBS	00300	04.64	34.940	27.69		1474.4							
	OBS	00319	04.56	34.940	27.70		1474.4							
	OBS	00327	04.35	34.900	27.69		1473.6							
	OBS	00350	04.50	34.925	27.69		1474.6							
	OBS	00375	04.45	34.930	27.70		1474.8							
	STO	00400	04.71	34.57	27.70	00.292	1476.4							
	OBS	00401	04.72	34.967	27.70		1476.4							
	OBS	00426	04.64	34.940	27.69		1476.5							
	OBS	00431	04.55	34.940	27.70		1476.5							
	OBS	00475	04.51	34.940	27.70		1476.8							
	STO	00500	04.43	34.94	27.71	00.337	1476.8							
	OBS	00500	04.43	34.940	27.71		1476.8							
	OBS	00525	04.43	34.440	27.71		1477.2							
	OBS	00534	04.47	34.940	27.71		1477.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 8555	YEAR 1973	BO70P 02312	AIR TEMP 08.0	OIR HGT PER	WIND-OIR 35	INST STO RECORDER	TEN SW 1300
CONSEC 0097	MONTH 05	SHIP EV	WET BULB 06.8	28 1 3	WIND-SPD 11	TRACE OIR 0	5 SQUARE 2
LAT 44 37 N	DAY 20	DATA USE 1	BAROMETER 1018.3	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 41 W	MOJR 18.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 282	1 SQUARE 48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	PJ4	TOT P	N02	N03	S103	PH
18.5	STO	00300	04.26	33.22	26.36	00.000	1465.6							
085	00303	04.28	33.216	26.36			1465.7							
085	00305	04.38	33.225	26.36			1466.2							
STO	00310	04.38	33.22	26.38	00.017		1465.3							
085	00311	03.88	33.213	26.40			1464.1							
085	00315	03.52	33.199	26.42			1462.6							
085	00317	03.51	33.212	26.45			1461.8							
STO	00320	03.03	33.18	26.46	00.033		1460.6							
085	00323	02.52	33.177	26.46			1460.1							
085	00324	02.38	33.178	26.51			1457.8							
085	00326	02.27	33.207	26.54			1457.4							
STO	00330	01.63	33.24	26.61	00.048		1454.7							
085	00330	01.55	33.246	26.62			1454.4							
085	00338	00.64	33.555	26.77			1450.6							
085	00343	00.14	33.550	26.75			1448.3							
085	00341	- 0.10	33.410	26.85			1447.3							
STO	00353	- 0.21	33.53	26.95	00.073		1447.1							
085	00351	- 0.23	33.552	26.97			1447.1							
085	00353	- 0.03	33.543	26.58			1445.4							
085	00355	- 3.63	33.552	26.59			1445.3							
STO	00375	- 0.06	33.75	27.12	00.095		1446.4							
085	00376	- 0.33	33.765	27.13			1448.7							
085	00383	00.35	33.880	27.21			1450.7							
085	00397	00.85	34.320	27.29			1453.4							
085	00399	01.50	34.040	27.28			1455.5							
STO	00400	01.12	34.02	27.27	00.121		1454.7							
085	00400	01.02	34.020	27.28			1454.2							
085	00402	00.57	34.050	27.31			1454.1							
085	00406	01.53	34.155	27.32			1458.6							
085	00411	01.75	34.135	27.52			1457.8							
085	00416	01.24	34.125	27.55			1455.6							
085	00423	03.53	34.370	27.35			1466.1							
STO	00425	03.48	34.38	27.37	00.140		1465.9							
085	00425	03.46	34.380	27.37			1465.8							
085	00433	03.25	34.360	27.37			1465.0							
STO	00450	04.25	34.58	27.45	00.156		1465.8							
085	00450	04.25	34.580	27.45			1465.8							
085	00456	04.07	34.553	27.48			1469.2							
085	00463	04.39	34.640	27.48			1470.7							
085	00469	04.05	34.555	27.48			1469.2							
085	00473	04.89	34.740	27.50			1473.1							
085	00475	04.50	34.737	27.50			1473.1							
085	00499	04.88	34.610	27.56			1473.6							
STO	00503	04.87	34.81	27.56	00.188		1473.5							
085	00505	04.33	34.710	27.54			1471.2							
085	00513	03.70	34.590	27.51			1468.5							
085	00526	03.55	34.550	27.52			1468.3							
085	00528	02.58	34.530	27.55			1465.6							
085	00532	03.09	34.690	27.65			1466.4							
085	00537	04.54	34.860	27.64			1472.8							
085	00545	04.93	34.903	27.63			1474.6							
STO	00550	04.56	34.51	27.63	00.215		1474.9							
085	00551	04.57	34.518	27.64			1474.9							
085	00576	05.04	34.935	27.64			1475.6							
STO	00580	04.80	34.53	27.66	00.235		1475.0							
085	00583	04.79	34.930	27.67			1475.0							
085	00585	04.57	34.930	27.69			1474.5							
085	00590	04.55	34.955	27.69			1475.0							
085	00595	04.66	34.920	27.67			1475.8							
STO	00400	04.51	34.54	27.70	00.285		1475.5							
085	00403	04.51	34.540	27.70			1475.6							
085	00426	04.63	34.540	27.69			1476.4							
085	00451	04.55	34.943	27.70			1476.7							
085	00475	04.57	34.950	27.71			1477.0							
STO	00503	04.47	34.94	27.71	00.325		1477.0							
085	00503	04.47	34.540	27.71			1477.0							
085	00525	04.36	34.540	27.72			1476.9							
085	00550	04.33	34.530	27.72			1477.2							
085	00576	04.29	34.930	27.72			1477.5							
STO	00600	04.30	34.54	27.73	00.374		1477.4							
085	00601	04.30	34.540	27.73			1478.0							
085	00626	04.29	34.540	27.73			1478.3							
085	00651	04.25	34.530	27.73			1478.6							
085	00675	04.21	34.530	27.73			1478.8							
STO	00700	04.20	34.94	27.74	00.418		1475.2							
085	00700	04.20	34.540	27.74			1475.2							
085	00725	04.17	34.533	27.74			1475.5							
085	00750	04.14	34.530	27.74			1475.7							
085	00776	04.12	34.530	27.74			1480.1							
STO	00800	04.07	34.52	27.74	00.461		1480.3							
085	00801	04.07	34.520	27.74			1480.3							
085	00826	04.04	34.520	27.74			1480.6							
085	00853	04.02	34.510	27.73			1480.9							
085	00877	03.56	34.910	27.74			1481.1							
STO	00903	03.55	34.55	27.77	00.505		1481.5							
085	00903	03.55	34.547	27.77			1481.5							
085	00925	03.53	34.540	27.77			1481.8							
085	00951	03.86	34.540	27.77			1481.5							
085	00976	03.86	34.540	27.77			1482.4							
STO	01000	03.84	34.53	27.77	00.548		1482.6							
085	01001	03.84	34.930	27.77			1482.7							
085	01024	03.84	34.537	27.77			1485.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOCC STATION DATA														
REFID 31 4555	YEAR 1973	STATION 01707	AIR TEMP 35.6	DIR HGT PER	WIND-DIR 33	INST STL RECORDER	TEN SQ 1396							
CONSEC 0058	MONTH 05	SHIP EV	WET BULB 05.6	11 0 3	WIND-SPD 10	TRACE DIR	5 SQUARE 2							
LAT 44 38 N	DAY 20	DATA USE 1	BAROMETER 1016.4	SEA	WIND-FOR	DURATION	2 SQUARE 48							
LONG 148 46 W	HOOR 20.1	AREA 05	CLOUD 7/A	CL/7R	WEATHER A4	DRIG 011 263	1 SQUARE 46							
CSTN/JR/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYU	PQ4	TOT P	NO2	NO3	SIG3	PH
20.1	STO	00000	02.94	33.10	26.40	00.000	1459.8							
	085	00003	02.94	33.100	26.40		1459.8							
	085	00005	02.93	33.106	26.41		1459.8							
	085	00009	02.24	33.025	26.40		1456.8							
	STO	00010	02.15	33.06	26.43	00.016	1456.4							
	085	00011	01.93	33.147	26.52		1455.6							
	STO	00020	01.42	33.21	26.60	00.031	1453.6							
	085	00020	01.39	33.215	26.61		1453.5							
	085	00026	01.34	33.213	26.61		1453.5							
	STO	00030	01.26	33.20	26.61	00.046	1453.0							
	085	00032	00.99	33.195	26.62		1451.8							
	085	00034	00.85	33.300	26.72		1450.5							
	085	00036	00.58	33.350	26.77		1450.2							
	085	00038	00.66	33.466	26.86		1450.5							
	085	00040	00.72	33.465	26.85		1451.1							
	085	00043	00.59	33.486	26.88		1450.6							
	085	00045	00.13	33.450	26.67		1446.5							
	STO	00050	- 0.19	33.53	26.95	00.071	1447.2							
	085	00051	- 0.25	33.557	26.98		1447.0							
	085	00055	- 0.31	33.620	27.03		1446.9							
	085	00059	- 0.37	33.685	27.07		1448.1							
	085	00062	00.23	33.715	27.07		1450.1							
	085	00064	00.52	33.760	27.10		1451.0							
	085	00068	00.70	33.820	27.14		1452.0							
	085	00070	00.18	33.800	27.15		1445.6							
	085	00074	00.04	33.816	27.17		1445.1							
	STO	00075	00.13	33.83	27.18	00.097	1449.5							
	085	00076	00.22	33.847	27.19		1450.0							
	085	00076	00.30	33.868	27.21		1450.4							
	085	00075	00.66	33.930	27.23		1452.1							
	085	00081	00.77	33.947	27.24		1452.7							
	085	00083	01.13	34.010	27.26		1454.4							
	085	00085	01.16	34.000	27.25		1454.8							
	085	00087	01.38	34.035	27.27		1455.6							
	085	00091	01.11	34.030	27.28		1454.5							
	085	00093	01.23	34.035	27.28		1455.1							
	STO	00100	02.28	34.15	27.25	00.118	1460.0							
	085	00100	02.33	34.160	27.29		1460.2							
	085	00104	02.33	34.210	27.33		1460.3							
	085	00106	02.71	34.245	27.33		1462.1							
	085	00110	02.57	34.280	27.35		1461.7							
	085	00119	03.30	34.360	27.37		1465.0							
	085	00123	03.48	34.395	27.38		1465.9							
	STO	00125	03.42	34.38	27.37	00.137	1465.6							
	085	00125	03.39	34.375	27.37		1465.5							
	085	00127	03.61	34.390	27.36		1466.5							
	085	00135	03.65	34.395	27.36		1466.8							
	085	00140	03.52	34.380	27.36		1468.3							
	085	00142	02.55	34.317	27.37		1463.6							
	STO	00150	02.46	34.34	27.43	00.154	1461.5							
	085	00150	02.47	34.347	27.43		1461.5							
	085	00152	02.45	34.360	27.44		1461.5							
	085	00155	02.46	34.510	27.47		1466.5							
	085	00175	04.53	34.657	27.51		1471.5							
	STO	00200	05.05	34.62	27.55	00.185	1474.5							
	085	00201	05.06	34.620	27.55		1474.5							
	085	00222	04.96	34.610	27.55		1474.1							
	085	00234	04.42	34.723	27.54		1472.1							
	085	00239	04.36	34.720	27.55		1471.5							
	STO	00250	04.09	34.72	27.58	00.213	1471.0							
	085	00251	04.07	34.723	27.58		1470.9							
	085	00276	04.12	34.740	27.59		1471.6							
	STO	00300	04.24	34.64	27.65	00.239	1472.8							
	085	00300	04.24	34.640	27.66		1472.6							
	085	00325	04.16	34.675	27.68		1473.1							
	085	00333	04.32	34.660	27.66		1473.5							
	085	00352	04.60	34.513	27.68		1474.1							
	085	00375	04.61	34.640	27.69		1471.5							
	STO	00400	04.57	34.65	27.71	00.285	1471.8							
	085	00401	04.57	34.650	27.71		1475.8							
	085	00426	04.45	34.635	27.71		1475.7							
	085	00451	04.41	34.640	27.72		1475.6							
	085	00475	04.45	34.920	27.70		1466.5							
	STO	00500	04.48	34.63	27.70	00.330	1477.0							
	085	00500	04.48	34.630	27.70		1477.0							
	STO	00600	04.47	34.65	27.72	00.376	1476.6							
	085	00600	04.47	34.65	27.72		1476.6							
	085	00637	04.45	34.950	27.72		1476.7							
	085	00628	04.35	34.940	27.72		1478.6							
	085	00651	04.35	34.940	27.72		1479.0							
	085	00675	04.32	34.940	27.73		1475.3							
	STO	00700	04.25	34.93	27.73	00.421	1479.4							
	085	00700	04.25	34.930	27.73		1479.4							
	085	00725	04.19	34.930	27.73		1479.5							
	085	00750	04.09	34.910	27.73		1475.5							
	085	00776	04.05	34.937	27.75		1475.8							
	STO	00800	04.01	34.94	27.76	00.465	1460.0							
	085	00801	04.01	34.940	27.76		1460.1							
	085	00826	03.46	34.940	27.76		1480.3							
	085	00850	03.45	34.940	27.77		1480.6							
	085	00875	03.61	34.930	27.76		1480.9							
	STO	00900	03.40	34.93	27.76	00.507	1481.2							
	085	00902	03.40	34.930	27.76		1481.2							
	085	00925	03.40	34.930	27.77		1481.6							
	085	00951	03.47	34.920	27.77		1481.6							
	085	00976	03.46	34.940	27.77		1481.6							
	STO	01000	03.36	34.93	27.77	00.551	1482.7							
	085	01001	03.36	34.930	27.77		1482.8							
	085	01020	03.65	34.932	27.77		1483.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 6255	YEAR 1973	BOTOP 0.561	AIR TEMP 07.2	DIA MGT PER	WIND-DIR 34	INST STO RECORDER	7EN SJ 1336
CONSEC 0399	MONTH 05	SHIF EV	WET BULB 07.1	14 0 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 34 35 N	DAY 20	DATA USE	BAROMETR 1018.3	1.4	WIND-FCK	DURATION	2 SQUARE 48
LONG 124 56 W	MOOR 21.7	AREA 35	CLOUD T/A	1.77R	WEATHER X4	OKIG 011 264	1 SQUARE 48

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN/PTH	SNO VEL	ORYG	PC4	TOT P	NO2	NO3	SIGS	PH
21.7	STO	00000	04.35	33.14	26.30	00.000	1465.8							
	085	00002	04.35	33.142	26.30		1465.9							
	STO	00010	04.35	33.13	26.29	00.017	1466.0							
	085	00011	04.21	33.130	26.30		1465.4							
	085	00013	03.94	33.105	26.31		1464.3							
	STO	00020	03.74	33.14	26.36	00.035	1463.6							
	085	00022	03.73	33.145	26.36		1463.6							
	085	00024	03.70	33.140	26.34		1463.5							
	085	00026	03.04	33.147	26.43		1460.7							
	085	00028	01.87	33.010	26.41		1455.4							
	STO	00030	01.72	33.15	26.53	00.050	1455.0							
	085	00030	01.67	33.150	26.57		1454.8							
	085	00034	01.50	33.320	26.70		1453.4							
	085	00040	01.06	33.315	26.71		1452.4							
	085	00045	- 0.02	33.270	26.73		1447.6							
	STO	00050	- 0.45	33.32	26.80	00.078	1445.7							
	085	00051	- 0.56	33.340	26.81		1445.3							
	085	00068	- 0.67	33.540	26.99		1444.4							
	STO	00075	- 0.67	33.54	26.99	00.107	1444.5							
	085	00076	- 0.87	33.550	26.99		1444.5							
	STO	00100	- 0.59	33.79	27.17	00.132	1446.5							
	085	00100	- 0.58	33.792	27.18		1446.6							
	STO	00125	- 0.22	33.65	27.24	00.154	1448.6							
	085	00125	- 0.19	33.600	27.25		1449.0							
	085	00131	00.16	34.040	27.35		1451.0							
	085	00137	00.61	34.067	27.34		1453.0							
	085	00140	00.74	34.150	27.43		1454.1							
	085	00142	04.30	34.250	27.44		1456.5							
	STO	00150	01.55	34.24	27.42	00.173	1457.7							
	085	00150	01.56	34.235	27.41		1457.7							
	085	00152	01.45	34.215	27.41		1457.5							
	085	00156	01.70	34.240	27.41		1458.5							
	085	00165	02.70	34.375	27.44		1463.2							
	085	00173	02.67	34.467	27.51		1463.3							
	085	00177	03.05	34.510	27.51		1465.0							
	085	00180	03.58	34.580	27.51		1467.4							
	STO	00200	05.89	34.689	27.57	00.203	1465.3							
	085	00209	04.02	34.720	27.58		1470.0							
	085	00226	04.21	34.730	27.57		1471.1							
	STO	00250	04.17	34.72	27.57	00.231	1471.3							
	085	00251	04.16	34.720	27.57		1471.3							
	085	00277	03.71	34.720	27.61		1469.8							
	085	00279	04.00	34.740	27.60		1471.1							
	085	00293	03.77	34.720	27.61		1470.3							
	STO	00300	03.61	34.71	27.61	00.257	1469.7							
	085	00300	03.57	34.705	27.62		1469.6							
	085	00304	03.33	34.733	27.66		1468.7							
	085	00314	03.48	34.720	27.64		1469.5							
	085	00317	03.71	34.750	27.64		1470.5							
	085	00323	03.48	34.723	27.64		1469.6							
	085	00325	03.45	34.727	27.65		1469.5							
	085	00350	03.50	34.860	27.71		1472.0							
	085	00375	04.04	34.853	27.69		1473.0							
	STO	00400	04.10	34.92	27.73	00.304	1474.0							
	085	00401	04.10	34.920	27.73		1474.0							
	085	00426	04.12	34.920	27.73		1474.3							
	085	00451	04.39	34.920	27.73		1474.6							
	085	00475	04.12	34.940	27.75		1475.1							
	STO	00500	04.15	34.92	27.73	00.346	1475.6							
	085	00500	04.15	34.927	27.73		1475.6							
	085	00525	04.17	34.924	27.73		1476.1							
	085	00550	04.16	34.934	27.74		1476.5							
	085	00576	04.14	34.934	27.74		1476.9							
	STO	00600	04.12	34.93	27.74	00.385	1477.2							
	085	00601	04.12	34.934	27.74		1477.2							
	085	00626	04.11	34.944	27.75		1477.6							
	085	00651	04.13	34.922	27.74		1477.9							
	085	00675	04.05	34.934	27.75		1478.1							
	STO	00700	04.10	34.94	27.75	00.431	1478.7							
	085	00704	04.10	34.945	27.75		1478.8							
	085	00725	04.04	34.914	27.73		1479.1							
	085	00753	04.08	34.944	27.75		1479.5							
	085	00776	04.03	34.940	27.76		1479.7							
	STO	00800	04.02	34.94	27.76	00.474	1480.1							
	085	00801	04.02	34.940	27.76		1480.1							
	085	00828	04.00	34.940	27.76		1480.5							
	085	00850	03.99	34.940	27.76		1480.8							
	085	00877	03.96	34.940	27.76		1481.1							
	STO	00900	03.95	34.94	27.77	00.517	1481.5							
	085	00900	03.95	34.940	27.77		1481.5							
	085	00925	03.94	34.940	27.77		1481.6							
	085	00951	03.94	34.940	27.76		1482.4							
	085	00976	03.95	34.950	27.77		1482.7							
	STO	01000	03.94	34.94	27.77	00.560	1483.1							
	085	01001	03.94	34.940	27.77		1483.1							
	085	01022	03.67	34.930	27.77		1483.1							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

ACOC STATION DATA

REFID 31 8355	YEAR 1973	BOATP 00840	AIR TEMP 09.2	DIR FCT PER	*IND-DIR 05	INST STO RECOGER	TEN SU 1306
CDYSEC 0100	MONTH 05	SHIP EV	WET BULB 07.4	36 1 2	*IND-SPC 15	TRAIL CIR	5 SQUARE 2
LAT 44 40 N	DAY 20	DATA USE 1	BAREMETR 1016.3	SEA	*IND-FUR	DURATICA	2 SQUARE 46
LONG 048 59 W	MOON 23.0	AREA 05	CLCLO 7/A	CL/TA	WEATHER XZ	URIG 011 285	1 SQUARE 46

LASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	CXYG	PJ4	TCY P	AC2	AC3	S103	PM
23.0	STO	00000	04.72	33.21	26.31	00.000	1467.5							
	085	00003	04.72	33.210	26.31		1467.5							
	085	00005	04.62	33.217	26.31		1468.0							
	085	00009	04.40	33.214	26.35		1466.3							
	STU	00010	04.34	33.21	26.34	00.017	1466.3							
	085	00011	04.27	33.195	26.34		1466.2							
	STO	00020	04.07	33.21	26.38	00.034	1465.1							
	085	00020	04.01	33.215	26.39		1464.6							
	STO	00030	03.13	33.19	26.45	00.050	1461.2							
	085	00030	03.11	33.187	26.45		1461.1							
	085	00036	03.07	33.310	26.55		1461.2							
	085	00038	02.54	33.325	26.58		1460.7							
	085	00043	00.94	33.335	26.74		1452.0							
	085	00047	00.78	33.340	26.75		1451.3							
	085	00049	00.30	33.342	26.78		1449.2							
	STO	00050	00.21	33.35	26.78	00.075	1448.8							
	085	00051	00.00	33.357	26.80		1447.5							
	085	00064	- 0.17	33.503	26.93		1447.5							
	STO	00075	- 0.16	33.55	26.46	00.108	1447.6							
	085	00076	- 0.19	33.552	26.57		1447.7							
	085	00079	- 0.14	33.578	26.99		1448.0							
	085	00089	- 0.72	33.876	27.09		1445.6							
	STO	00100	- 0.45	33.82	27.20	00.132	1447.2							
	085	00100	- 0.42	33.836	27.20		1447.4							
	085	00116	00.13	33.510	27.24		1450.3							
	STO	00125	00.01	33.99	27.32	00.153	1450.0							
	085	00125	00.01	34.000	27.32		1450.0							
	STO	00150	00.53	34.16	27.42	00.171	1453.0							
	085	00150	00.54	34.160	27.42		1453.1							
	085	00163	01.10	34.245	27.45		1455.5							
	085	00175	02.19	34.380	27.48		1461.1							
	085	00180	02.48	34.400	27.47		1462.5							
	085	00188	02.62	34.360	27.45		1463.2							
	STO	00200	01.51	34.38	27.50	00.203	1460.3							
	085	00201	01.84	34.378	27.51		1460.0							
	085	00228	02.03	34.450	27.58		1461.5							
	STO	00250	02.41	34.51	27.57	00.232	1463.5							
	085	00251	02.43	34.515	27.57		1463.6							
	085	00277	02.51	34.555	27.55		1466.2							
	STO	00300	03.17	34.72	27.67	00.257	1467.9							
	085	00300	03.18	34.720	27.67		1468.0							
	085	00325	03.35	34.740	27.66		1469.3							
	085	00354	03.65	34.835	27.71		1471.0							
	085	00375	03.70	34.850	27.72		1471.6							
	STO	00400	03.52	34.86	27.70	00.302	1472.4							
	085	00401	03.53	34.860	27.70		1472.0							
	085	00426	04.06	34.920	27.74		1474.3							
	085	00451	04.04	34.940	27.75		1474.6							
	085	00475	04.12	34.950	27.76		1475.1							
	STO	00500	04.13	34.92	27.73	00.345	1475.5							
	085	00500	04.13	34.917	27.73		1475.5							
	085	00525	04.18	34.930	27.73		1476.2							
	085	00550	04.07	34.924	27.74		1476.1							
	085	00576	04.09	34.933	27.74		1478.7							
	STO	00600	04.08	34.93	27.74	00.368	1477.0							
	085	00601	04.08	34.927	27.74		1477.0							
	085	00628	04.05	34.940	27.75		1477.4							
	085	00651	04.07	34.940	27.75		1477.8							
	085	00675	04.05	34.940	27.75		1478.1							
	STO	00700	04.04	34.94	27.76	00.430	1478.5							
	085	00700	04.04	34.940	27.76		1478.5							
	085	00725	04.02	34.930	27.75		1478.6							
	085	00750	04.03	34.933	27.75		1475.3							
	085	00778	04.02	34.930	27.75		1475.7							
	STO	00800	04.02	34.93	27.75	00.472	1480.1							
	085	00801	04.02	34.930	27.75		1480.1							
	085	00805	04.01	34.930	27.75		1480.1							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-2S May 1973.—Continued

N D O C S T A I I D A D A T A

REFID 31 8355	YEAR 1973	BDTDP 0043E	AIR TEMP 07.0	DIR HGT FER	WIND-DIR 11	INST STC RECORDER	TEN SW 1306
CDNSEC 0101	MONTH 05	SHIP EV	WET BULB 05.5	36 2 2	WIND-SPD 12	TRACE CIR	5 SQUARE 2
LAT 44 41.5N	DAY 21	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FDR	CURATIGN	2 SQUARE 46
LONG 049 03 W	MOOR 00.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	CRIG 01A 286	1 SQUARE 45

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOSTY	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIG3	PH
00.3	STC	00000	02.07	32.96	26.36	00.000	1455.8							
	DBS	00001	02.07	32.965	26.36		1455.8							
	DBS	00007	02.03	32.570	26.37		1455.8							
	STC	00010	01.88	32.97	26.38	00.017	1455.1							
	DBS	00011	01.73	32.980	26.40		1454.5							
	DBS	00015	01.10	33.010	26.46		1451.8							
	DBS	00017	00.93	33.143	26.56		1401.2							
	DBS	00016	00.44	33.180	26.64		1449.1							
	STD	00020	00.32	33.19	26.65	00.034	1448.6							
	DBS	00020	00.24	33.200	26.66		1448.2							
	DBS	00024	00.10	33.203	26.67		1447.7							
	DBS	00026	- 0.14	33.194	26.68		1446.6							
	STC	00030	- 1.03	33.25	26.75	00.045	1442.6							
	DBS	00030	- 1.14	33.257	26.80		1443.5							
	DBS	00034	- 1.29	33.344	26.84		1441.6							
	DBS	00038	- 1.52	33.342	26.85		1440.5							
	DBS	00040	- 1.55	33.345	26.85		1440.4							
	STD	00050	- 1.43	33.44	26.82	00.069	1441.3							
	DBS	00051	- 1.41	33.445	26.83		1441.4							
	STD	00075	- 1.06	33.45	26.95	00.097	1443.5							
	DBS	00076	- 1.05	33.490	26.95		1443.6							
	STD	00100	- 0.95	33.55	27.00	00.125	1444.5							
	DBS	00100	- 0.95	33.553	27.00		1444.5							
	STD	00125	- 0.90	33.55	26.99	00.151	1445.2							
	DBS	00125	- 0.90	33.546	26.99		1445.2							
	STD	00150	- 0.72	33.65	27.07	00.171	1446.6							
	DBS	00150	- 0.71	33.650	27.07		1446.6							
	DBS	00173	- 0.19	33.640	27.20		1449.7							
	DBS	00177	00.12	33.855	27.23		1451.2							
	DBS	00194	01.48	34.117	27.33		1458.0							
	STD	00200	01.66	34.16	27.35	00.220	1458.9							
	DBS	00201	01.70	34.173	27.35		1459.1							
	DBS	00224	01.60	34.162	27.35		1459.0							
	DBS	00226	01.42	34.163	27.37		1458.1							
	DBS	00228	01.17	34.130	27.36		1457.2							
	DBS	00241	01.26	34.127	27.35		1457.8							
	DBS	00247	00.97	34.140	27.38		1456.6							
	STD	00250	00.98	34.16	27.39	00.256	1456.7							
	DBS	00251	00.98	34.165	27.40		1456.7							
	DBS	00253	01.01	34.160	27.39		1456.5							
	DBS	00255	01.66	34.287	27.45		1460.0							
	DBS	00257	01.50	34.350	27.48		1461.2							
	DBS	00266	01.64	34.380	27.52		1460.2							
	DBS	00276	01.82	34.385	27.51		1461.2							
	DBS	00297	02.00	34.425	27.53		1462.4							
	STD	00300	02.17	34.46	27.55	00.288	1463.2							
	DBS	00304	02.39	34.512	27.57		1464.5							
	DBS	00325	02.64	34.550	27.61		1465.9							
	DBS	00338	02.84	34.592	27.60		1466.4							

REFID 31 8355	YEAR 1973	BDTDP 0006E	AIR TEMP 05.0	DIR HGT PEP	WIND-DIR 13	INST STC RECORDER	TEN SW 1306
CDNSEC 0102	MONTH 05	SHIP EV	WET BULB 04.3	13 2 3	WIND-SPD 15	TRACE CIR	5 SQUARE 46
LAT 44 44 N	DAY 21	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FDR	CURATIGN	2 SQUARE 48
LONG 049 09 W	MOOR 01.4	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	CRIG 011 287	1 SQUARE 49

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOSTY	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIG3	PH
01.4	STD	00000	02.03	33.03	26.36	00.000	1455.5							
	DBS	00003	02.00	33.000	26.36		1455.6							
	DBS	00007	01.98	32.560	26.38		1455.5							
	STD	00010	01.45	32.98	26.42	00.016	1453.2							
	DBS	00011	01.20	32.990	26.44		1452.1							
	STC	00020	00.81	33.12	26.57	00.032	1450.7							
	DBS	00020	00.74	33.130	26.58		1450.4							
	DBS	00024	00.40	33.140	26.61		1448.9							
	DBS	00028	- 0.43	33.210	26.70		1445.3							
	STD	00030	- 0.44	33.20	26.70	00.046	1445.3							
	DBS	00030	- 0.45	33.200	26.70		1445.2							
	DBS	00034	- 0.72	33.220	26.72		1444.1							
	DBS	00038	- 1.25	33.240	26.76		1441.7							
	STC	00050	- 0.93	33.34	26.82	00.072	1443.5							
	DBS	00051	- 0.92	33.350	26.84		1443.6							
	DBS	00062	- 0.98	33.480	26.94		1443.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

M O C C S T A T I O N D A T A

REFID 31 0355	YEAR 1973	BOTOP 00053	AIR TEMP 05.5	DIA HGT PER	WIND-OIR 15	INST STC RECORDER	TEN SQ 1306
CONSEC 0103	MONTH 05	SHIP EV	WET BULB 07.5	00 0 X	WIND-SPD 16	TRACE CIR 0	5 SQUARE 2
LAT 43 59 N	DAY 21	DATA USE 1	BAROMETER 1016.2	SEA	WIND-FGR	CURATICA	2 SQUARE 26
LONG 049 23 W	HOUR 05.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 288	1 SQUARE 39

CAS/NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYN/DPTH	SND VEL	DXYG	P04	TOT P	NO2	NO3	SIO3	PH
05.5	STD	03000	03.27	32.96	26.28	00.000	1460.1							
	DBS	00031	03.07	32.50C	26.28		1460.2							
	STD	00010	03.07	32.96	26.26	00.018	1460.3							
	DBS	03011	03.05	32.960	26.28		1460.2							
	DBS	03019	02.86	32.54E	26.28		1459.5							
	STD	03020	02.40	32.95	26.32	00.035	1457.6							
	DBS	03022	01.52	32.551	26.34		1453.7							
	DBS	03026	01.26	33.001	26.45		1452.7							
	STD	03030	00.67	33.00	26.46	00.051	1450.1							
	DBS	03030	00.61	33.005	26.44		1449.8							
	DBS	03034	00.32	33.000	26.50		1446.5							
	DBS	03043	00.19	33.004	26.51		1446.1							

REFID 31 0355	YEAR 1973	BOTOP 00349	AIR TEMP 05.0	DIA HGT PER	WIND-OIR 04	INST STC RECORDER	TEN SQ 1306
CONSEC 0104	MONTH 05	SHIP EV	WET BULB 04.5	00 0 X	WIND-SPD 05	TRACE CIR 0	5 SQUARE 2
LAT 43 57 N	DAY 21	DATA USE 1	BAROMETER 1018.5	SEA	WIND-FGR	DURATION	2 SQUARE 28
LONG 049 20 W	HOUR 06.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG 011 289	1 SQUARE 39

CAS/NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYN/DPTH	SND VEL	DXYG	P04	TOT P	NO2	NO3	SIO3	PH
06.0	STD	00000	02.94	32.63	26.18	00.000	1455.4							
	DBS	00003	02.94	32.832	26.18		1455.5							
	DBS	00005	02.70	32.820	26.20		1458.5							
	STD	00010	02.61	32.62	26.20	00.016	1456.1							
	DBS	00013	02.13	32.810	26.23		1456.1							
	STD	00020	01.63	32.65	26.30	00.036	1454.0							
	DBS	00020	01.55	32.851	26.30		1453.8							
	DBS	00024	01.51	32.837	26.30		1453.5							
	DBS	00026	01.14	32.852	26.33		1451.9							
	STD	00030	00.56	32.85	26.37	00.053	1449.4							
	DBS	00030	00.44	32.846	26.37		1448.8							
	DBS	00032	- 0.11	32.526	26.46		1446.4							
	DBS	00034	- 0.20	32.470	26.50		1446.1							
	DBS	00036	- 0.15	32.475	26.50		1446.4							
	STD	00050	- 0.64	32.47	26.52	00.085	1444.3							
	DBS	00051	- 0.65	32.575	26.52		1444.1							
	STD	00075	- 1.26	33.15	26.68	00.121	1442.1							
	DBS	00076	- 1.27	33.150	26.68		1442.1							
	STD	00100	- 1.34	33.18	26.71	00.155	1442.2							
	DBS	00100	- 1.34	33.176	26.71		1442.2							
	DBS	00116	- 1.36	33.170	26.70		1442.3							
	STD	00125	- 1.31	33.25	26.80	00.187	1442.9							
	DBS	00125	- 1.30	33.255	26.80		1443.0							
	STD	00150	- 0.68	33.45	26.55	00.217	1445.6							
	DBS	00152	- 0.84	33.510	26.56		1445.9							
	DBS	00175	- 0.47	33.640	27.05		1448.1							
	STD	00200	00.47	33.79	27.13	00.268	1453.0							
	DBS	00201	00.51	33.800	27.13		1453.5							
	DBS	00226	00.80	33.875	27.18		1455.1							
	DBS	00234	01.05	33.570	27.24		1456.6							
	DBS	00245	01.35	34.000	27.24		1458.1							
	STD	00250	01.58	34.00	27.24	00.313	1458.3							
	DBS	00253	01.42	34.010	27.24		1458.5							
	DBS	00276	02.13	34.315	27.43		1462.4							
	STD	00300	02.45	34.47	27.53	00.348	1464.6							
	DBS	00300	02.50	34.475	27.53		1464.7							
	DBS	00314	02.65	34.486	27.53		1465.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTCP J0293	AIR TEMP 06.5	DIR MGT PER	WIND-DIR 04	INST STD RECORDER	TEN SQ 1306
CCASEL 9105	MONTH 05	SKIP EV	WET BULB 06.0	05 1 2	WIND-SPO 12	TAKE DIR 0	5 SQUARE 2
LAT 43 54 N	DAY 21	DATA USE 1	BAROMETR 1016.9	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 13 W	MOJR 27.3	AREA 05	CLOUD T/A	CL/TR	WEATHER AL	CRIG 011 250	1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PO4	TOT P	N02	N03	S103	P4
ST0	00000	03.15	32.57	26.28	00.000	1463.5								
37.0	00001	03.15	32.570	26.26		1460.5								
005	00007	03.13	32.540	26.25		1460.5								
ST0	00010	02.81	32.52	26.27	00.018	1459.1								
005	00011	02.62	32.507	26.27		1458.3								
005	00013	02.36	32.570	26.24		1457.3								
005	00017	02.30	33.105	26.45		1457.6								
ST0	00020	02.57	33.15	26.47	00.034	1458.6								
005	00020	02.05	33.150	26.46		1458.8								
005	00024	- 0.05	33.065	26.55		1446.8								
005	00026	- 0.52	33.180	26.68		1444.6								
005	00028	- 0.50	33.179	26.68		1444.5								
ST0	00030	- 0.65	33.16	26.67	00.049	1444.2								
005	00030	- 0.71	33.155	26.67		1444.0								
005	00034	- 1.36	33.180	26.71		1440.9								
005	00036	- 1.42	33.150	26.72		1440.8								
005	00038	- 1.41	33.300	26.81		1441.0								
005	00040	- 0.88	33.345	26.85		1443.6								
005	00041	- 0.33	33.525	26.96		1440.4								
005	00047	02.59	33.780	26.97		1460.0								
ST0	00050	02.57	33.77	26.97	00.074	1459.9								
005	00051	02.54	33.770	26.97		1459.6								
005	00053	02.49	33.785	26.98		1459.6								
005	00055	03.07	33.853	26.99		1462.3								
005	00057	03.01	33.810	26.96		1462.0								
005	00059	02.70	33.800	26.98		1460.6								
ST0	00075	02.90	33.86	27.01	00.101	1461.5								
005	00076	02.92	33.865	27.01		1462.0								
005	00095	03.38	33.580	27.06		1464.4								
005	00097	03.46	33.597	27.06		1464.8								
ST0	00100	03.80	34.04	27.06	00.127	1466.6								
005	00102	04.16	34.070	27.05		1466.0								
005	00121	04.17	34.100	27.08		1468.4								
ST0	00125	03.73	34.03	27.07	00.152	1466.5								
005	00127	03.51	34.005	27.07		1465.5								
005	00129	03.42	34.000	27.07		1465.2								
005	00135	03.54	34.082	27.08		1467.6								
005	00137	04.01	34.120	27.11		1468.0								
005	00139	04.42	34.167	27.13		1465.8								
005	00140	04.51	34.150	27.11		1470.2								
005	00144	05.01	34.253	27.10		1472.4								
ST0	00150	06.08	34.44	27.12	00.177	1477.1								
005	00150	06.12	34.450	27.12		1477.3								
005	00154	06.23	34.453	27.11		1477.8								
005	00156	06.01	34.430	27.10		1476.9								
005	00158	06.27	34.505	27.15		1478.1								
005	00161	05.96 P	34.520	27.20										
005	00165	06.55	34.550	27.15		1475.4								
005	00173	06.66	34.560	27.14		1480.1								
005	00177	06.51	34.567	27.11		1481.0								
005	00176	06.36	34.530	27.13		1478.8								
005	00180	06.52	34.540	27.14		1475.5								
005	00182	05.55	34.340	27.11		1475.4								
005	00192	04.89	34.220	27.09		1472.7								
005	00198	04.78	34.220	27.10		1472.3								
ST0	00200	04.66	34.22	27.11	00.226	1471.9								
005	00207	04.62	34.200	27.11		1471.6								
005	00209	04.71	34.220	27.11		1472.2								
005	00211	04.39	34.210	27.14		1470.9								
005	00215	04.46	34.230	27.15		1471.3								
005	00222	03.77	34.130	27.14		1468.4								
005	00224	04.38	34.220	27.15		1471.1								
005	00226	04.45	34.230	27.15		1471.4								
005	00228	04.13	34.200	27.16		1470.1								
005	00234	04.18	34.227	27.17		1470.4								
005	00237	04.42	34.235	27.16		1471.5								
005	00239	04.28	34.258	27.19		1471.0								
005	00243	04.56	34.307	27.20		1472.3								
005	00245	04.52	34.305	27.20		1472.1								
005	00249	03.85	34.153	27.18		1469.2								
ST0	00250	03.77	34.17	27.18	00.273	1468.9								
005	00251	03.56	34.140	27.17		1468.0								
005	00253	03.13	34.100	27.18		1466.1								
005	00260	03.07	34.157	27.23		1466.1								
005	00262	02.51	34.170	27.25		1465.4								
005	00266	02.45	34.097	27.23		1463.4								
005	00266	02.52	34.203	27.23		1463.7								
005	00274	02.35	34.137	27.27		1463.1								

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NODE STATION DATA														
REFID 31 8355	YEAR 1973	WOTOP 03507	AIR TEMP 07.5	DIR HGT PER	WIND-DIR 15	INST STO RECORDER	TEN SQ 1306							
CONSEC 0100	MONTH 05	SHIP EV	WET BULB 07.2	06 3 2	WIND-SPD 20	TRACE DIR 0	5 SQUARE 2							
LAT 43 46 N	DAY 21	DATA USE 1	BAROMETER 1018.7	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 045 00 W	MOOR 08.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 291	1 SQUARE 39							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	DRYG	PCN	TOT P	NO2	NO3	SIO3	PM
	STO	00000	03.98	33.12	26.31	00.000	1464.2							
08.2	085	00003	03.98	33.116	26.31		1464.3							
	085	00007	03.97	33.110	26.31		1464.3							
	STO	00010	04.06	33.11	26.30	00.017	1464.7							
	085	00013	04.25	33.120	26.29		1465.0							
	085	00015	04.35	33.155	26.30		1466.3							
	085	00017	04.14	33.090	26.28		1465.2							
	STO	00020	04.98	33.36	26.40	00.034	1465.1							
	085	00020	05.14	33.420	26.43		1465.8							
	085	00022	05.33	33.452	26.47		1470.7							
	STO	00030	06.78	33.82	26.54	00.050	1477.1							
	085	00030	06.63	33.845	26.55		1477.4							
	085	00034	06.97	34.037	26.66		1478.2							
	085	00038	06.14	34.025	26.79		1475.0							
	085	00041	06.43	34.154	26.84		1476.2							
	085	00045	03.08	33.655	26.83		1461.9							
	STO	00050	01.77	33.64	26.92	00.076	1456.2							
	085	00051	01.62	33.632	26.93		1455.6							
	085	00055	01.85	33.747	27.00		1457.0							
	085	00057	01.75	33.770	27.03		1456.4							
	085	00060	01.74	33.770	27.03		1456.4							
	085	00064	01.50	33.760	27.01		1457.2							
	085	00068	02.29	33.810	27.02		1455.0							
	085	00072	01.56	33.760	27.05		1454.9							
	085	00074	01.50	33.765	27.07		1455.0							
	STO	00075	01.44	33.80	27.07	00.103	1455.6							
	085	00076	01.61	33.810	27.07		1456.2							
	085	00076	01.60	33.810	27.07		1456.5							
	085	00074	01.54	33.757	27.06		1455.4							
	085	00081	01.70	33.800	27.06		1455.6							
	085	00085	02.12	33.870	27.06		1456.7							
	085	00084	02.36	33.848	27.06		1455.4							
	085	00084	01.26	34.010	27.09		1455.4							
	085	00097	03.62	34.020	27.07		1465.0							
	085	00099	05.63	34.010	27.06		1465.0							
	STO	00100	03.75	34.04	27.07	00.128	1466.2							
	085	00100	03.84	34.060	27.08		1466.0							
	085	00108	03.56	34.120	27.15		1465.6							
	085	00114	02.59	34.010	27.15		1461.4							
	085	00119	02.58	34.000	27.15		1461.4							
	085	00123	04.56	34.543	27.23		1470.4							
	STO	00125	05.13	34.46	27.26	00.151	1472.5							
	085	00125	05.32	34.500	27.26		1473.7							
	085	00129	05.35	34.480	27.24		1473.6							
	085	00131	05.87	34.570	27.25		1476.1							
	STO	00150	05.54	34.57	27.24	00.173	1476.7							
	085	00150	05.54	34.565	27.24		1476.7							
	085	00175	05.95	34.685	27.33		1477.3							
	085	00198	05.51	34.650	27.34		1477.6							
	STO	00200	05.59	34.64	27.34	00.212	1476.2							
	085	00203	05.11	34.565	27.34		1474.2							
	085	00218	04.78	34.540	27.36		1473.1							
	085	00224	04.25	34.480	27.37		1470.6							
	085	00226	03.61	34.450	27.38		1469.5							
	085	00236	03.54	34.480	27.40		1469.8							
	085	00239	03.36	34.377	27.38		1467.2							
	STO	00250	02.54	34.37	27.41	00.250	1465.6							
	085	00251	02.92	34.365	27.41		1465.5							
	085	00253	02.50	34.350	27.40		1465.5							
	085	00257	02.43	34.310	27.41		1463.4							
	085	00258	02.40	34.350	27.44		1463.6							
	085	00264	02.77	34.360	27.42		1465.1							
	085	00270	02.76	34.360	27.42		1465.2							
	085	00276	02.47	34.340	27.43		1464.0							
	085	00277	02.18	34.332	27.44		1462.7							
	085	00285	02.12	34.342	27.46		1462.6							
	085	00291	02.42	34.475	27.54		1464.2							
	STO	00300	02.38	34.48	27.55	00.281	1464.2							
	085	00300	02.38	34.485	27.55		1464.2							
	085	00306	02.46	34.520	27.57		1464.7							
	085	00310	02.74	34.550	27.57		1468.0							
	085	00312	02.75	34.570	27.58		1466.3							
	085	00317	03.19	34.55 P	27.530*									
	085	00325	03.44	34.650	27.62		1465.4							
	085	00350	03.57	34.687	27.60		1470.4							
	085	00375	03.75	34.750	27.66		1471.5							
	STO	00400	03.98	34.82	27.67	00.333	1473.1							
	085	00401	03.65	34.825	27.67		1473.2							
	085	00426	04.30	34.890	27.71		1474.0							
	085	00451	04.12	34.910	27.72		1474.7							
	085	00475	04.10	34.900	27.72		1475.0							
	STO	00500	04.12	34.92	27.73	00.376	1475.5							
	085	00500	04.12	34.920	27.73		1475.5							
	085	00525	04.13	34.890	27.71		1475.5							
	085	00550	04.12	34.860	27.71		1476.3							
	085	00555	04.12	34.850	27.71		1476.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A

REFID 34 0355	YEAR 1973	BOTOP 01540	AIR TEMP 07.0	DIR HGT PER	WIND-DIR 11	INST STO RECORDER	TEN SO 1506
CUNSEC 0407	MONTH 05	SHIP EV	WET GULB 06.5	10 2 2	WIND-SPD 16	TRACE DIR 0	5 SQUARE 2
LAT 43 45.5N	DAY 21	DATA USE 1	BAROMETER 1019.3	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 248 56 W	MOOR 09.5	AREA 05	CLGUD T/A	CL/TX	WEATHER A2	ORIG 011 292	1 SQUARE 36

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SWD VEL	DXVG	P04	T07 P	N02	N03	S103	PH
ST0	00000			33.27										
05.5	085	00005	03.48 P	33.270	26.710									
ST0	00010			33.27										
085	00011		06.47	33.270	26.15		1474.9							
085	00013		06.46	33.250	26.13		1474.8							
ST0	00020		06.29	33.19	26.11		1474.2							
085	00020		05.80	33.120	26.12		1472.1							
085	00022		04.40	32.955	26.13		1466.1							
085	00024		03.35	33.174	26.42		1462.0							
085	00026		02.54	33.180	26.46		1440.2							
ST0	00030		02.76	33.30	26.58		1459.8							
085	00030		02.74	33.320	26.59		1459.7							
085	00043		02.67	33.532	26.77		1459.9							
085	00047		04.08	33.513	26.85		1469.9							
ST0	00050		04.34	33.84	26.85		1467.6							
085	00051		04.09	33.805	26.85		1466.5							
085	00055		03.62	33.735	26.84		1464.4							
085	00057		04.47	33.867	26.84		1469.1							
085	00059		04.69	33.860	26.83		1469.2							
085	00060		04.04	33.885	26.82		1466.5							
085	00068		01.76	33.675	26.95		1456.5							
085	00070		01.92	33.697	26.96		1457.3							
085	00074		03.03	33.857	26.99		1462.4							
ST0	00075		02.92	33.84	26.99		1461.9							
085	00076		02.59	33.803	27.00		1459.6							
085	00081		01.42	33.757	27.04		1455.3							
085	00083		01.41	33.770	27.05		1455.3							
085	00087		03.87	34.010	27.03		1466.4							
085	00091		04.76	34.313	27.18		1470.6							
085	00097		04.69	34.270	27.15		1470.4							
085	00099		03.65	34.130	27.15		1465.8							
ST0	00100		03.18	34.09	27.16		1463.8							
085	00104		01.84	33.990	27.20		1457.9							
085	00108		01.77	34.020	27.23		1457.7							
085	00118		02.98	34.180	27.25		1463.3							
085	00123		03.03	34.180	27.25		1463.7							
ST0	00125		03.08	34.19	27.25		1463.9							
085	00129		03.24	34.210	27.25		1464.7							
085	00142		03.49	34.230	27.25		1466.0							
085	00146		03.01	34.200	27.27		1464.0							
ST0	00150		01.56	34.06	27.27		1457.5							
085	00154		00.41	33.960	27.27		1452.3							
085	00161		00.12	33.980	27.30		1451.1							
085	00165		00.48	34.065	27.35		1452.9							
085	00171		01.59	34.200	27.35		1459.9							
085	00177		02.29	34.200	27.33		1461.4							
085	00184		02.29	34.200	27.33		1461.5							
085	00190		04.05	34.430	27.39		1469.5							
085	00196		04.09	34.455	27.40		1469.8							
ST0	00200		04.18	34.50	27.39		1470.2							
085	00203		04.34	34.530	27.40		1471.0							
085	00209		04.54	34.605	27.44		1472.0							
085	00217		06.15	34.860	27.44		1476.1							
085	00226		06.48	34.860	27.42		1460.5							
ST0	00250		06.42	34.87	27.42		1460.7							
085	00251		06.42	34.897	27.44		1460.8							
085	00255		06.53	34.950	27.50		1461.4							
085	00256		06.78	35.027	27.49		1462.5							
085	00268		06.86	35.022	27.47		1463.0							
085	00276		06.08	34.950	27.46		1462.3							
085	00281		06.52	35.000	27.51		1461.6							
085	00293		06.07	34.897	27.48		1460.0							
ST0	00300		05.90	34.90	27.51		1479.5							
085	00300		05.66	34.903	27.51		1479.4							
085	00319		05.83	34.867	27.49		1479.5							
085	00325		05.02	34.780	27.52		1476.2							
085	00329		04.76	34.730	27.51		1475.1							
085	00333		04.11	34.630	27.50		1472.3							
085	00350		03.54	34.740	27.61		1472.0							
085	00356		04.46	34.830	27.62		1474.4							
085	00373		04.86	34.888	27.62		1476.4							
085	00380		04.71	34.845	27.61		1475.9							
085	00388		04.56	34.810	27.60		1475.3							
085	00396		03.59	34.710	27.58		1473.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N D O C S T A T I O N D A T A													
CAS/NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN/DEPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	S103 PH
	STO	00400	03.59	34.71	27.58		1473.0						
065	00403	03.50	34.700	27.57			1472.9						
065	00420	03.57	34.630	27.60			1473.5						
065	00441	04.13	34.845	27.67			1474.5						
065	00445	04.47	34.890	27.67			1476.1						
065	00451	04.59	34.507	27.67			1476.6						
065	00475	04.68	34.88 P	27.640*									
STO	00500	04.76	34.51	27.65			1478.1						
065	00500	04.76	34.510	27.65			1476.2						
065	00525	04.71	34.510	27.66			1476.4						
065	00550	04.71	34.510	27.66			1476.8						
065	00570	04.56	34.510	27.68			1478.6						
STO	00600	04.53	34.51	27.68			1478.5						
065	00601	04.53	34.510	27.68			1478.9						
065	00620	04.50	34.510	27.68			1479.2						
065	00651	04.45	34.920	27.69			1475.5						
065	00675	04.44	34.510	27.65			1475.7						
STO	00700	04.37	34.51	27.70			1475.8						
065	00700	04.37	34.910	27.70			1479.8						
065	00725	04.31	34.510	27.70			1480.0						
065	00750	04.24	34.500	27.70			1480.1						
065	00770	04.19	34.893	27.70			1480.3						
STO	00800	04.13	34.84	27.71			1480.5						
065	00801	04.13	34.840	27.71			1480.5						
065	00820	04.13	34.890	27.71			1480.5						
065	00850	04.08	34.520	27.74			1481.2						
STO	00875	04.01	34.510	27.74			1481.3						
065	00900	04.01	34.51	27.74			1481.7						
065	00900	04.01	34.510	27.74			1481.7						
065	00925	03.97	34.510	27.74			1481.5						
065	00951	03.96	34.510	27.74			1482.3						
065	00970	03.56	34.510	27.74			1482.7						
STO	01000	03.94	34.51	27.74			1483.0						
065	01001	03.54	34.510	27.74			1483.1						
065	01020	03.54	34.910	27.74			1483.4						

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 02385	AIR TEMP 07.5	OIR HGT PER	WIND-OIR 17	INST STO RECORDER	TEN SU 1306
CONSEC 0108	MONTH 05	SHIP EV	WET BULB 07.2	09 2 2	WIND-SPD 13	TRACE DIA 0	5 SQUARE 2
LAT 43 41 N	DAY 21	DATA USE 1	BAROMETR 1002.0	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 42.5 W	MOJR 11.3	AREA 05	CLOUD 7/A	CL/TH	WEATHER X2	DRIG D11 253	1 SQUARE 36

CSTN/JM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPHT	SND VEL	OATG	P34	TOT P	MO2	MO3	S103	PH
11.3	STO	00000	06.17	33.18	26.12	00.000	1473.4							
	065	00000	06.17	33.180	26.12		1473.4							
	STO	00010	06.15	33.18	26.12	00.019	1473.4							
	065	00011	06.14	33.176	26.12		1473.4							
	STO	00020	06.09	33.15	26.10	00.038	1473.3							
	065	00020	05.58	33.135	26.11		1472.5							
	065	00022	05.65	33.100	26.11		1471.7							
	065	00026	05.69	33.320	26.25		1472.0							
	STO	00030	05.20	33.43	26.43	00.056	1470.2							
	065	00030	05.13	33.440	26.45		1470.0							
	065	00034	04.05	33.526	26.57		1468.3							
	065	00036	04.26	33.620	26.66		1466.7							
	065	00038	04.27	33.630	26.69		1466.8							
	065	00040	04.56	33.657	26.74		1467.3							
	065	00043	04.81	33.813	26.78		1465.4							
	065	00045	04.62	33.800	26.79		1468.6							
	STO	00050	04.64	33.61	26.77	00.085	1465.6							
	065	00053	04.51	33.620	26.77		1465.5							
	065	00057	04.85	34.000	26.92		1470.2							
	065	00059	05.53 P	34.000	26.870*									
	STO	00075	04.70	34.00	26.94	00.115	1465.7							
	065	00076	04.68	34.002	26.94		1465.6							
	STO	00100	04.22	34.10	27.09	00.142	1468.3							
	065	00101	04.22	34.130	27.09		1468.3							
	065	00112	04.51	34.148	27.10		1466.5							
	065	00125	05.62	34.250	27.09		1474.7							
	STO	00125	05.61	34.33	27.10	00.166	1474.7							
	065	00125	05.60	34.335	27.10		1474.6							
	065	00127	05.59	34.355	27.12		1474.7							
	065	00131	05.21	34.320	27.13		1473.1							
	065	00137	04.58	34.320	27.15		1470.5							
	065	00140	04.68	34.220	27.14		1470.1							
	065	00146	04.65	34.310	27.19		1471.1							
	STO	00150	04.86	34.34	27.15	00.190	1472.0							
	065	00150	04.87	34.340	27.19		1472.1							
	065	00152	04.85	34.355	27.20		1472.2							
	065	00156	05.28	34.450	27.23		1474.0							
	065	00155	05.30	34.460	27.23		1474.2							
	065	00171	05.00	34.215	27.22		1467.2							
	065	00173	05.63	34.230	27.23		1467.1							
	065	00177	02.56	34.133	27.22		1464.3							
	065	00180	02.52	34.160	27.28		1462.4							
	065	00188	02.85	34.210	27.29		1464.1							
	STO	00200	03.05	34.25	27.25	00.235	1465.1							
	065	00205	03.38	34.270	27.29		1466.6							
	065	00222	02.11	34.183	27.33		1461.3							
	065	00226	01.88	34.150	27.32		1460.5							
	065	00230	01.68	34.177	27.36		1459.5							
	065	00245	03.08	34.405	27.43		1466.2							
	STO	00250	03.20	34.44	27.44	00.270	1466.8							
	065	00251	03.24	34.440	27.44		1467.0							
	065	00258	02.60	34.357	27.43		1464.3							
	065	00262	02.42	34.320	27.42		1463.5							
	065	00268	01.80	34.287	27.44		1460.8							
	065	00276	02.08	34.350	27.47		1462.3							
	065	00275	02.23	34.353	27.46		1463.0							
	065	00285	02.57	34.470	27.45		1466.5							
	065	00287	02.57	34.460	27.49		1466.5							
	065	00295	03.40	34.500	27.52		1468.6							
	STO	00300	03.85	34.60	27.55	00.301	1470.5							
	065	00300	03.52	34.662	27.55		1471.0							
	065	00302	03.94	34.650	27.54		1471.1							
	065	00333	03.53	34.640	27.57		1465.5							
	065	00330	03.79	34.710	27.60		1471.3							
	065	00354	03.65	34.700	27.58		1471.8							
	065	00359	04.30	34.820	27.63		1473.8							
	065	00365	04.23 P	34.820	27.600*									
	065	00376	04.45	34.845	27.63		1474.9							
	STO	00400	04.46	34.84	27.63	00.355	1475.2							
	065	00401	04.46	34.840	27.63		1475.2							
	065	00420	04.35	34.840	27.64		1475.1							
	065	00451	04.45	34.900	27.68		1476.2							
	065	00475	04.21	34.900	27.71		1475.4							
	STO	00500	04.22	34.91	27.72	00.403	1475.9							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N U A T A														
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	QXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	085	00500	04.22	34.515	27.72		1475.6							
	085	00525	04.23	34.850	27.70		1476.3							
	085	00550	04.28	34.900	27.70		1477.0							
	085	00576	04.21	34.900	27.71		1477.1							
	STO	00600	04.19	34.50	27.71	00.448	1477.4							
	085	00601	04.19	34.900	27.71		1477.4							
	085	00628	04.17	34.900	27.71		1477.6							
	085	00651	04.14	34.900	27.72		1478.1							
	085	00675	04.12	34.500	27.72		1478.4							
	STO	00700	04.10	34.51	27.73	00.495	1478.7							
	085	00700	04.10	34.910	27.73		1478.7							
	085	00725	04.09	34.510	27.73		1479.1							
	085	00750	04.06	34.910	27.73		1479.4							
	085	00776	04.04	34.905	27.73		1479.7							
	STO	00800	04.06	34.50	27.72	00.538	1480.2							
	085	00807	04.06	34.897	27.72		1480.3							
	085	00826	04.03	34.915	27.74		1480.5							
	085	00850	04.03	34.910	27.73		1480.9							
	085	00875	03.59	34.910	27.74		1481.2							
	STO	00900	03.57	34.51	27.74	00.564	1481.5							
	085	00900	03.57	34.510	27.74		1481.5							
	085	00927	03.56	34.510	27.74		1481.9							
	085	00953	03.56	34.910	27.74		1482.3							
	085	00976	03.54	34.510	27.74		1482.6							
	STO	01000	03.52	34.90	27.74	00.630	1483.0							
	085	01001	03.52	34.900	27.74		1483.0							
	085	01022	03.85	34.890	27.74		1483.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 51 8555	YEAR 1973	BOTOP 0115	AIR TEMP 08.8	DIR MGT PER	WIND-DIR 02	INST STO RECOROER	TEM SO 1302
CONSEC 0109	MONTH 05	SHIP EV	WET BULB 07.7	04 2 2	WIND-SPD 08	TRACE DIR 0	5 SQUARE 2
LAT 43 37 N	DAY 21	DATA USE 1	BAROMETR 1020.2	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 048 26 W	MOOR 13.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 294	1 SQUARE 58

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	QATG	PC4	TOT P	NO2	NO3	SIO3	PH
	STO	00000		33.31										
13.5	085	00003	00.04 P	33.311	26.760									
	085	00009	00.04 P	33.307	26.760									
	STO	00010		33.27										
	085	00017	04.28	32.965	26.16		1465.6							
	STO	00020	04.06	32.97	26.15		1464.7							
	085	00020	04.00	32.975	26.20		1464.5							
	085	00022	03.68	32.960	26.20		1464.0							
	085	00028	04.16	33.075	26.26		1465.4							
	STO	00030	04.79	33.39	26.45		1468.5							
	085	00030	04.93	33.470	26.49		1465.2							
	085	00034	04.66	33.445	26.50		1468.1							
	085	00036	04.75	33.442	26.52		1468.7							
	085	00040	03.84	33.456	26.59		1465.0							
	085	00047	01.47	33.150	26.56		1464.2							
	085	00049	- 0.74	33.150	26.70		1444.2							
	STO	00050	- 0.83	33.19	26.71		1443.8							
	085	00053	- 1.15	33.230	26.75		1442.4							
	085	00055	- 1.15	33.253	26.76		1442.4							
	085	00060	- 1.51	33.300	26.81		1440.9							
	085	00066	- 1.50	33.313	26.82		1441.1							
	085	00072	- 1.05	33.320	26.82		1443.1							
	STO	00075	00.59	33.44	26.84		1451.0							
	085	00076	01.07	33.483	26.84		1453.3							
	085	00083	01.25	33.587	26.92		1454.4							
	085	00087	02.17	33.730	26.96		1458.7							
	085	00091	03.40	33.870	26.97		1464.3							
	085	00093	04.15	33.945	26.95		1467.6							
	085	00097	04.70	34.015	26.95		1470.1							
	085	00099	04.66	34.000	26.94		1465.9							
	STO	00100	04.76	34.07	26.99		1470.4							
	085	00100	04.84	34.127	27.32		1470.8							
	085	00106	05.27	34.162	27.00		1472.8							
	085	00108	05.64	34.245	27.02		1474.4							
	085	00114	05.28	34.168	27.01		1472.9							
	085	00116	05.54	34.244	27.03		1474.3							
	085	00118	05.62	34.310	27.07		1474.7							
	085	00121	05.19	34.220	27.06		1472.8							
	STO	00125	05.17	34.23	27.07		1472.8							
	085	00129	05.17	34.234	27.07		1472.8							
	085	00137	05.85	34.403	27.12		1475.9							
	085	00139	06.20	34.460	27.12		1477.4							
	085	00146	06.03	34.440	27.13		1476.9							
	STO	00150	05.94	34.42	27.12		1476.5							
	085	00156	05.72	34.362	27.12		1475.7							
	085	00165	05.36	34.345	27.14		1474.3							
	085	00173	05.32	34.340	27.14		1474.3							
	085	00177	04.65	34.220	27.12		1471.4							
	085	00182	05.33	34.463	27.23		1474.7							
	STO	00200	05.45	34.45	27.25		1475.6							
	085	00201	05.51	34.450	27.23		1475.7							
	085	00205	05.55	34.470	27.21		1475.9							
	085	00209	05.23	34.447	27.23		1474.7							
	085	00215	05.62	34.570	27.28		1476.5							
	085	00226	05.68	34.570	27.27		1476.5							
	STO	00250	04.75	34.45	27.29		1473.5							
	085	00253	04.71	34.440	27.29		1473.2							
	085	00256	04.15	34.360	27.28		1470.9							
	085	00262	04.12	34.450	27.36		1470.9							
	085	00266	03.10	34.304	27.34		1466.5							
	085	00270	02.52	34.320	27.37		1465.8							
	085	00276	03.02	34.330	27.37		1466.3							
	085	00275	03.11	34.350	27.38		1466.8							
	085	00283	02.67	34.343	27.35		1465.8							
	085	00289	03.51	34.450	27.45		1468.9							
	STO	00300	03.51	34.55	27.46		1470.6							
	085	00300	03.55	34.560	27.46		1471.0							
	085	00308	02.99 P	34.39 P	27.420*									
	085	00329	05.67	34.780	27.44		1478.9							
	085	00331	04.86	34.693	27.47		1475.5							
	085	00340	04.65	34.695	27.50		1474.8							
	085	00346	04.21	34.650	27.51		1473.0							
	085	00352	03.78	34.617	27.53		1471.2							
	085	00363	03.83	34.680	27.57		1471.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A														
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	STGMA-T	DYNOPTH	SNO VEL	DAYG	PJ4	TDT P	ND2	ND3	SIG3	PH
085		00367	33.63	34.56 P	27.5000									
085		00375	03.50	34.700	27.58		1472.2							
STO		00400	33.55	34.74	27.61		1472.5							
085		00401	33.56	34.745	27.61		1473.0							
085		00426	04.50	34.810	27.62		1474.9							
085		00441	04.22	34.800	27.63		1474.8							
085		00445	03.92	34.750	27.65		1473.6							
085		00451	03.88	34.750	27.65		1473.5							
085		00464	04.31 P	34.69 P	27.650									
085		00477	04.25	34.840	27.66		1475.5							
STO		00500	04.17	34.83	27.65		1475.6							
085		00500	04.17	34.825	27.65		1475.6							
085		00527	04.10	34.850	27.68		1475.8							
085		00550	04.45	34.850	27.67		1477.6							
085		00576	04.37	34.910	27.70		1477.8							
STO		00600	04.27	34.90	27.70		1477.8							
085		00631	04.27	34.500	27.70		1477.6							
085		00626	04.28	34.510	27.71		1478.2							
085		00651	04.50	34.850	27.65		1478.7							
085		00675	04.25	34.888	27.69		1476.9							
STO		00700	04.28	34.90	27.70		1479.4							
085		00700	04.28	34.500	27.70		1475.5							
085		00725	04.24	34.900	27.70		1475.7							
085		00750	04.21	34.850	27.70		1480.0							
085		00776	04.22	34.890	27.70		1480.5							
STO		00800	04.25	34.51	27.71		1481.0							
085		00801	04.25	34.510	27.71		1481.0							
085		00826	04.28	34.910	27.71		1481.6							
085		00850	04.23	34.510	27.71		1481.8							
085		00877	04.22	34.910	27.71		1482.2							
STO		00900	04.18	34.50	27.71		1482.4							
085		00900	04.18	34.895	27.71		1482.4							
085		00925	04.05	34.520	27.74		1482.3							
085		00951	04.01	34.510	27.74		1482.5							
085		00976	03.96	34.510	27.74		1482.7							
STO		01000	03.93	34.51	27.74		1483.0							
085		01001	03.93	34.910	27.74		1483.0							
085		01022	03.94	34.510	27.74		1483.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A																		
REFID	J1	8355	YEAR 1973	8JTOP U3294	AIR TEMP 07.2	DIR HGT PER	WIND-DIR 08	INST STD RECORDER	TEM SW 1500									
CONSEC	0110		MONTH 05	SHIP EV	WET BULB 07.2		WIND-SPG 10	TRACE DIR	5 SQUARE 2									
LAT	45 23 N		DAY 21	DATA USE 1	BAROMETER 1020.1	SEA	WIND-FOR	DURATION	2 SQUARE 26									
LONG	147 47 W		MOOR 10.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG J11 295	1 SQUARE 37									
CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOP7H	SNU VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PM				
	STG	00000	04.59	33.19	26.31	00.000	1466.9											
10.4	085	00001	04.59	33.167	26.31		1466.9											
	085	00003	04.00	33.182	26.36		1464.5											
	085	00005	04.00	33.175	26.36		1464.5											
	085	00007	04.60	33.187	26.31		1467.1											
	STO	00010	04.59	33.18	26.30	00.017	1467.1											
	085	00011	04.59	33.180	26.30		1467.1											
	085	00015	04.30	33.125	26.29		1465.0											
	085	00017	03.82	33.075	26.30		1463.8											
	STO	00020	01.53	32.96	26.39	00.034	1453.7											
	085	00022	00.22	32.906	26.43		1447.8											
	085	00026	- 0.12	32.950	26.46		1446.3											
	085	00026	- 0.60	32.970	26.52		1443.9											
	STO	00030	- 0.91	33.05	26.59	00.050	1442.8											
	085	00030	- 1.00	33.072	26.61		1442.5											
	085	00032	- 1.30	33.160	26.69		1441.2											
	085	00034	- 1.41	33.182	26.71		1440.8											
	STO	00050	- 1.51	33.29	26.80	00.077	1440.7											
	085	00051	- 1.52	33.294	26.81		1440.7											
	085	00065	- 1.58	33.322	26.83		1440.7											
	STO	00075	- 1.57	33.32	26.83	00.100	1440.7											
	085	00078	- 1.50	33.317	26.83		1440.7											
	STO	00100	- 1.51	33.32	26.83	00.136	1441.6											
	085	00100	- 1.51	33.325	26.83		1441.6											
	STG	00125	- 1.34	33.46	26.94	00.167	1443.0											
	085	00125	- 1.34	33.460	26.94		1443.0											
	085	00140	- 1.20	33.530	26.95		1444.0											
	085	00142	- 0.29	33.650	27.05		1448.4											
	085	00146	00.37	33.670	27.04		1451.6											
	085	00148	00.44	33.692	27.05		1451.9											
	STO	00150	00.84	33.76	27.08	00.194	1453.9											
	085	00152	01.27	33.821	27.10		1455.9											
	085	00158	01.36	33.800	27.08		1456.4											
	085	00161	03.32	33.980	27.06		1465.3											
	085	00165	03.92	34.130	27.12		1468.1											
	085	00175	03.81	34.207	27.20		1467.9											
	085	00190	04.21	34.215	27.16		1465.8											
	085	00194	04.60	34.348	27.23		1471.7											
	085	00198	04.31	34.323	27.24		1470.5											
	STO	00200	04.31	34.33	27.24	00.240	1470.5											
	085	00201	04.31	34.330	27.24		1470.6											
	085	00226	04.16	34.325	27.25		1473.3											
	STO	00230	04.16	34.33	27.26	00.283	1470.7											
	085	00251	04.16	34.330	27.26		1470.6											
	085	00266	04.37	34.360	27.26		1471.9											
	085	00274	05.14	34.490	27.28		1475.4											
	085	00276	05.20	34.492	27.27		1475.7											
	085	00287	05.23	34.500	27.27		1476.0											
	085	00291	05.76	34.560	27.26		1478.3											
	STO	00300	06.19	34.67	27.25	00.325	1480.4											
	085	00300	06.21	34.680	27.25		1480.4											
	085	00306	06.21	34.705	27.31		1480.6											
	085	00317	07.76	35.037	27.36		1487.3											
	085	00321	07.75	35.020	27.35		1487.3											
	085	00325	07.14	34.900	27.34		1484.8											
	085	00338	06.19	34.730	27.34		1481.1											
	085	00342	05.86	34.655	27.35		1479.7											
	085	00352	03.83	34.440	27.38		1471.2											
	085	00373	03.48	34.460	27.43		1470.1											
	085	00376	03.21	34.420	27.42		1468.9											
	STO	00400	03.43	34.54	27.50	00.398	1470.4											
	085	00401	03.45	34.543	27.50		1470.5											
	085	00403	03.42	34.540	27.50		1470.4											
	085	00416	03.54	34.690	27.57		1473.1											
	085	00424	03.60	34.650	27.57		1471.7											
	085	00426	03.65	34.690	27.58		1472.8											
	085	00441	04.16	34.750	27.59		1474.5											
	085	00451	04.20	34.750	27.59		1474.8											
	085	00475	03.77	34.805	27.68		1473.5											
	STG	00500	04.19	34.84	27.66	00.454	1475.7											
	085	00500	04.20	34.840	27.66		1475.7											
	085	00525	04.21	34.91 P	27.700													
	085	00552	04.43	34.890	27.67		1477.6											
	085	00576	04.47	34.850	27.67		1478.2											
	STO	00600	04.55	34.90	27.67	00.504	1476.5											
	085	00601	04.55	34.900	27.67		1476.5											
	085	00626	04.47	34.850	27.67		1475.0											
	085	00651	04.25 P	34.910	27.710													
	085	00675	04.40	34.895	27.68		1475.5											
	STO	00700	04.30	34.85	27.69	00.553	1475.5											
	085	00725	04.30	34.890	27.69		1475.5											
	085	00750	04.22	34.850	27.70		1479.0											
	085	00776	04.15	34.910	27.72		1475.7											
	STO	00800	04.13	34.91	27.73	00.600	1480.4											
	085	00801	04.10	34.910	27.73		1480.4											
	085	00826	04.06	34.910	27.73		1480.7											
	085	00850	04.06	34.910	27.73		1481.1											
	085	00875	04.05	34.910	27.73		1481.4											
	STO	00900	04.01	34.91	27.74	00.646	1481.7											
	085	00900	04.01	34.910	27.74		1481.7											
	085	00925	03.99	34.910	27.74		1482.0											
	085	00951	03.99	34.910	27.74		1482.4											
	085	00976	03.98	34.910	27.74		1482.8											
	STO	01000	03.97	34.91	27.74	00.692	1483.2											
	085	01001	03.97	34.910	27.74		1483.2											

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N D A T A														
REFID 31 8355	YEAR 1973	BOTDP 03444	AIR TEMP 06.9	DIR HGT PER	WIND-DIR 05	INST STD RECORDER	TEN SW 1306							
CONSEL 0111	MOYIM 05	SHIP EV	WET BULB 06.8	CH 2 3	WIND-SPD 12	TRACE DIR	5 SQUARE 2							
LAT 43 18 N	DAY 21	DATA USE 1	BAROMETER 1020.1	SEA	WIND-FOR	DURATION	2 SQUARE 26							
LONG 147 31 W	MOJA 16.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 01A 296	1 SQUARE 37							
CASSTN/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNP/TH	SND VEL	DRYG	PD4	TOT P	NO2	NO3	S103	PM
10.0	STD	00000	03.58	32.93	26.22	00.000	1461.4							
	065	00001	03.58	32.530	26.22		1461.5							
	085	00005	03.59	32.930	26.22		1461.6							
	STD	00010	03.54	32.93	26.23	00.016	1461.4							
	085	00013	03.00	32.860	26.20		1455.9							
	065	00017	- 0.02	32.630	26.22		1446.2							
	STD	00020	- 0.78	32.54	26.50	00.035	1443.1							
	065	00022	- 1.27	33.140	26.68		1441.2							
	STD	00030	- 1.34	33.18	26.71	00.049	1441.0							
	085	00030	- 1.35	33.180	26.71		1441.0							
	065	00043	- 1.48	33.230	26.76		1440.7							
	065	00045	- 01.49 P	33.280	26.650*									
	065	00047	- 1.53	33.300	26.61		1440.6							
	STD	00050	- 1.55	33.31	26.62	00.075	1440.5							
	035	00051	- 1.56	33.310	26.62		1440.5							
	065	00062	- 1.54	33.310	26.62		1440.6							
	STD	00075	- 1.54	33.32	26.83	00.106	1441.0							
	065	00076	- 1.53	33.327	26.83		1441.1							
	STD	00100	- 1.43	33.44	26.92	00.155	1442.1							
	065	00100	- 1.42	33.44	26.93		1442.2							
	STD	00115	- 1.21	33.53	26.94	00.163	1443.7							
	065	00125	- 1.20	33.530	26.95		1443.8							
	STD	00150	- 0.50	33.59	27.03	00.189	1445.7							
	085	00150	- 0.85	33.595	27.03		1445.7							
	065	00175	- 0.21	33.750	27.16		1445.5							
	085	00177	00.07	33.600	27.16		1450.9							
	085	00178	00.84	33.970	27.25		1454.6							
	085	00182	02.65	34.160	27.25		1463.7							
	085	00186	04.45	34.360	27.25		1470.9							
	085	00194	05.25	34.455	27.24		1474.5							
	065	00199	05.44	34.520	27.26		1475.5							
	STD	00200	05.46	34.52	27.26	00.236	1475.6							
	085	00201	05.80	34.560	27.25		1477.0							
	085	00215	06.07	34.550	27.21		1476.3							
	065	00224	06.67	34.700	27.25		1481.0							
	085	00226	06.68	34.700	27.25		1481.1							
	065	00234	06.64	34.700	27.25		1481.1							
	085	00235	05.15	34.440	27.23		1475.0							
	065	00247	02.94	34.170	27.25		1465.2							
	STD	00250	02.75	34.15	27.28	00.277	1466.7							
	065	00251	02.72	34.210	27.30		1466.5							
	065	00255	03.45	34.320	27.32		1467.7							
	085	00257	03.74	34.360	27.33		1469.0							
	085	00266	05.60	34.350	27.35		1468.7							
	085	00272	03.86	34.347	27.30		1465.9							
	085	00276	03.72	34.335	27.31		1465.3							
	065	00277	03.41	34.285	27.30		1466.0							
	085	00295	03.20	34.340	27.36		1467.4							
	STD	00300	03.84	34.47	27.40	00.310	1470.4							
	065	00300	03.55	34.450	27.41		1470.8							
	065	00323	04.10	34.550	27.44		1472.0							
	085	00333	05.01	34.700	27.46		1476.1							
	085	00335	04.95	34.700	27.46		1476.1							
	085	00358	04.05	34.560	27.45		1472.1							
	065	00344	03.67	34.540	27.46		1471.4							
	085	00357	04.30	34.615	27.47		1473.5							
	065	00363	03.28	34.500	27.48		1465.1							
	065	00376	02.75	34.490	27.52		1467.0							
	065	00386	02.55	34.490	27.54		1466.3							
	065	00394	02.45	34.542	27.55		1468.0							
	STD	00400	02.52	34.56	27.56	00.375	1468.2							
	065	00401	02.53	34.560	27.56		1468.3							
	085	00426	03.53	34.690	27.63		1470.6							
	035	00455	03.67	34.66 P	27.570*									
	085	00475	03.28	34.700	27.64		1471.2							
	085	00451	05.40	34.700	27.63		1472.0							
	065	00456	04.50	34.857	27.67		1477.0							
	STD	00500	04.53	34.85	27.66	00.432	1477.2							
	085	00500	04.54	34.890	27.66		1477.2							
	065	00527	04.53	34.900	27.67		1477.6							
	085	00552	04.31	34.880	27.66		1477.1							
	065	00576	04.26	34.880	27.68		1477.5							
	STD	00600	04.24	34.88	27.65	00.481	1477.6							
	085	00601	04.24	34.880	27.65		1477.6							
	065	00626	04.15	34.880	27.69		1477.8							
	085	00654	04.23	34.910	27.71		1478.4							
	065	00675	04.22	34.895	27.70		1478.8							
	STD	00700	04.28	34.85	27.69	00.525	1475.4							
	085	00700	04.28	34.890	27.69		1479.4							
	065	00725	04.25	34.91 P	27.710									
	085	00750	04.17	34.91 P	27.720									
	065	00776	04.15	34.880	27.65		1480.3							
	STD	00800	04.24	34.85	27.70	00.577	1480.5							
	085	00801	04.24	34.855	27.70		1480.9							
	085	00826	04.25	34.900	27.70		1481.0							
	065	00850	04.23	34.897	27.70		1481.4							
	085	00877	04.22	34.900	27.70		1481.7							
	STD	00900	04.15	34.85	27.70	00.626	1482.2							
	085	00900	04.15	34.866	27.70		1482.2							
	065	00925	04.10	34.890	27.71		1482.4							
	085	00951	04.33	35.000	27.77		1484.0							
	065	00976	04.33	35.000	27.77		1484.4							
	STD	01000	04.27	35.00	27.78	00.672	1484.5							
	085	01003	04.26	34.995	27.78		1484.5							
	085	01024	04.22	34.970	27.76		1484.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A

REFID 34 8555	YEAR 1973	BOTOP 05003	AIR TEMP 11.8	DIR MGT PER	#IND-DIR 06	INST STO RECORDER	TEN SQ 1306
CONSEC 0112	MONTH 05	SHIP EV	WET BULB 09.5	06 2 2	#IND-SPD 13	TRACE DIR 0	5 SQUARE 2
LAT 43 06.5N	DAY 21	DATA USE 1	BAROMETER 1020.1	SEA	#IND-FOR	DURATION	2 SQUARE 26
LONG 046 58 W	HOOR 21.5	AREA 05	CLOUD T/A	CL/TR	WEATHER 41	ORIG 011 297	1 SQUARE 36

CSTN/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	ORNG	PD4	TOT P	NO2	NO3	SI03	PH
21.5	STC	00000	06.67	33.06	25.96	00.000	1475.2							
	085	00005	06.67	33.063	25.96		1475.3							
	STC	00010	06.04	33.14	26.10	00.020	1472.9							
	085	00011	05.74	33.151	26.15		1471.8							
	085	00017	04.05	33.127	26.32		1464.8							
	STO	00020	04.36	33.35	26.46	00.037	1466.5							
	085	00020	04.46	33.366	26.46		1466.5							
	085	00022	04.23	33.342	26.47		1466.1							
	085	00026	05.43	33.655	26.58		1471.4							
	085	00028	05.48	33.773	26.67		1471.8							
	STC	00030	06.11	33.86	26.68	00.052	1474.5							
	085	00032	06.63	33.573	26.68		1476.8							
	085	00036	06.02	33.834	26.67		1474.2							
	085	00040	05.13	33.802	26.73		1470.6							
	085	00049	04.52	33.745	26.76		1468.2							
	STC	00050	04.32	33.73	26.76	00.079	1467.3							
	085	00051	03.52	33.651	26.76		1465.6							
	085	00053	03.71	33.660	26.77		1464.7							
	085	00055	03.28	33.731	26.87		1463.0							
	085	00060	03.69	33.680	26.55		1465.0							
	085	00068	01.59	33.680	26.54		1457.5							
	085	00070	01.61	33.647	26.54		1455.8							
	085	00074	01.63	33.663	26.55		1456.0							
	STC	00075	01.30	33.65	26.56	00.105	1454.5							
	085	00076	01.01	33.637	26.57		1453.2							
	085	00078	00.53	33.665	27.00		1453.0							
	085	00079	01.28	33.710	27.01		1454.6							
	085	00083	02.47	33.810	27.00		1460.1							
	085	00087	03.00	33.865	27.00		1462.5							
	085	00089	03.00	33.863	27.00		1462.5							
	085	00091	03.25	33.535	27.04		1463.7							
	085	00095	04.18	34.042	27.03		1467.9							
	STC	00100	04.62	34.13	27.05	00.136	1465.9							
	085	00100	04.65	34.133	27.05		1470.1							
	085	00102	04.65	34.140	27.06		1470.1							
	085	00104	05.03	34.205	27.06		1471.8							
	085	00119	05.60	34.330	27.07		1473.4							
	STC	00123	05.24	34.25	27.05	00.141	1473.5							
	085	00127	06.12	34.210	27.06		1472.5							
	085	00131	06.14	34.477	27.14		1477.1							
	085	00134	06.21	34.545	27.17		1476.3							
	085	00140	05.76	34.450	27.17		1475.8							
	STC	00150	06.08	34.52	27.18	00.186	1477.2							
	085	00150	06.14	34.530	27.18		1477.5							
	085	00154	06.18	34.500	27.16		1477.7							
	085	00156	05.66	34.450	27.15		1476.5							
	085	00163	06.00	34.500	27.18		1477.1							
	085	00175	05.62	34.460	27.20		1475.7							
	STC	00200	05.12	34.46	27.26	00.230	1474.1							
	085	00201	05.12	34.460	27.26		1474.1							
	085	00226	05.61	34.550	27.27		1476.6							
	085	00228	05.59	34.540	27.26		1476.6							
	STC	00250	05.16	34.54	27.31	00.274	1475.2							
	085	00251	05.12	34.540	27.32		1475.0							
	085	00266	04.53	34.450	27.31		1472.7							
	085	00276	04.19	34.460	27.36		1471.5							
	STC	00300	04.25	34.47	27.36	00.310	1472.1							
	085	00300	04.25	34.470	27.36		1472.1							
	085	00325	03.75	34.470	27.41		1470.6							
	085	00329	04.22	34.560	27.43		1472.6							
	085	00335	04.30	34.560	27.43		1473.0							
	085	00350	03.87	34.507	27.43		1471.4							
	085	00375	04.23	34.640	27.50		1473.5							
	085	00380	04.42	34.650	27.52		1474.5							
	085	00384	04.71	34.69 P	27.480*									
	085	00390	05.53	34.890	27.55		1479.5							
	STC	00400	05.58	34.69	27.54	00.578	1475.8							
	085	00401	05.64	34.850	27.53		1480.1							
	085	00405	05.80	34.897	27.51		1481.0							
	085	00409	05.83	34.507	27.52		1481.0							
	085	00415	05.25	34.815	27.52		1476.6							
	085	00422	03.94	34.650	27.54		1473.1							
	085	00426	03.85	34.670	27.56		1472.8							
	085	00435	03.83	34.650	27.58		1472.9							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A														
CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
085	00454	03.56	34.687	27.60			1472.1							
085	00460	03.81	34.710	27.60			1473.3							
085	00468	04.24	34.807	27.63			1475.3							
085	00475	04.48	34.850	27.64			1476.5							
STO	00500	04.75	34.89	27.64		00.434	1478.1							
085	00500	04.75	34.895	27.64			1478.1							
085	00525	04.86	34.903	27.64			1479.0							
085	00550	04.88	34.910	27.64			1479.5							
085	00576	04.90	34.907	27.63			1480.0							
STO	00600	04.80	34.89	27.63		00.487	1479.9							
085	00601	04.80	34.850	27.63			1480.0							
085	00626	04.87	35.000	27.71			1480.8							
085	00651	04.91	35.020	27.72			1481.4							
085	00675	04.91	35.020	27.72			1481.6							
STO	00700	04.72	34.99	27.72		00.537	1481.4							
085	00702	04.70	34.950	27.72			1481.4							
085	00725	04.53	34.90 P	27.670*										
085	00750	04.42	34.89 P	27.680										
085	00776	04.42	34.90 P	27.680										
STO	00800	04.40	34.95	27.76		00.581	1481.7							
085	00801	04.40	34.90 P	27.690*										
085	00826	04.37	34.90 P	27.690										
085	00850	04.30	34.90 P	27.700										
085	00875	04.33	34.91 P	27.700										
STO	00900	04.37	34.99	27.76		00.625	1483.3							
085	00906	04.34	34.950	27.76			1483.4							
085	00925	04.44	35.010	27.77			1484.0							
085	00951	04.37	34.993	27.76			1484.1							
085	00976	04.30	34.990	27.77			1484.3							
STC	01000	04.28	34.95	27.77		00.669	1484.6							
085	01001	04.28	34.990	27.77			1484.6							
085	01022	04.28	34.990	27.77			1484.9							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A

REFID 3A 0355	YEAR 1973	BOTOP 03571	AIR TEMP 12.5	DIA MGT PER	WIND-DIR 17	INST STO RECORDER	TEN SG 1300
COASEC 0113	NGATH 05	SHIP EV	WET BULB 12.0	02 2 2	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2
LAT 43 01 N	OAY 22	DATA USE 1	BAROMETR 1020.1	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 040 39 W	HOOR 01.0	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 258	1 SQUARE 36

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTN	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
01.0	STD	00000	09.93	33.18	25.57	00.000	1487.8							
	035	00005	09.55	33.184	25.57		1487.9							
	045	00007	09.92	33.182	25.57		1487.5							
	STD	00010	09.53	33.21	25.59	00.024	1488.0							
	045	00011	09.53	33.235	25.61		1488.1							
	045	00015	13.01	33.320	25.66		1488.5							
	085	00017	05.34	33.380	25.81		1486.2							
	STD	00020	07.75	33.50	26.15	00.040	1480.5							
	045	00023	07.41	33.521	26.22		1479.1							
	085	00026	06.10	33.515	26.39		1474.0							
	STD	00030	05.91	33.74	26.59	00.062	1473.5							
	085	00030	05.88	33.760	26.61		1473.5							
	045	00032	06.04	33.805	26.63		1474.2							
	085	00034	05.76	33.772	26.63		1473.0							
	045	00036	05.69	33.787	26.66		1472.8							
	085	00038	05.33	33.770	26.68		1471.4							
	045	00040	05.33	33.810	26.72		1471.4							
	085	00045	06.11	34.104	26.65		1475.1							
	STD	00050	06.06	34.10	26.85	00.085	1475.0							
	085	00055	05.78	34.037	26.84		1473.8							
	045	00060	05.55	34.000	26.84		1472.9							
	085	00066	04.70	34.007	26.94		1469.5							
	045	00070	05.00	34.015	26.92		1470.9							
	STD	00075	05.81	34.15	26.96	00.118	1474.5							
	085	00076	05.84	34.200	26.56		1474.6							
	085	00079	05.47	34.150	26.97		1473.1							
	085	00085	05.60	34.190	26.58		1473.8							
	085	00087	05.26	34.135	26.58		1472.4							
	STD	00100	04.85	34.13	27.03	00.145	1470.9							
	085	00100	04.83	34.133	27.03		1470.8							
	085	00123	04.49	34.153	27.08		1465.8							
	STD	00125	04.38	34.13	27.08	00.171	1469.3							
	045	00127	04.24	34.100	27.07		1466.7							
	045	00133	04.26	34.083	27.05		1468.9							
	045	00137	03.84	34.020	27.05		1467.1							
	085	00142	03.51	33.978	27.04		1465.8							
	085	00146	02.06	33.800	27.03		1459.3							
	STD	00150	01.66	33.80	27.06	00.196	1457.6							
	085	00150	01.63	33.800	27.06		1457.5							
	085	00156	01.44	33.880	27.14		1456.8							
	085	00158	01.47	33.867	27.13		1457.0							
	085	00167	02.13	33.942	27.14		1460.1							
	085	00175	02.15	34.000	27.18		1460.4							
	045	00180	02.45	34.000	27.15		1462.0							
	045	00188	03.38	34.200	27.23		1466.2							
	STD	00190	03.60	34.216	27.23	00.244	1467.2							
	085	00201	03.74	34.220	27.21		1468.0							
	045	00220	06.79	34.710	27.24		1481.5							
	045	00224	06.34	34.665	27.27		1475.7							
	045	00232	06.66	34.690	27.24		1481.1							
	085	00241	06.63	34.740	27.26		1482.0							
	STD	00250	06.71	34.71	27.25	00.287	1481.6							
	045	00251	06.63	34.700	27.25		1481.3							
	045	00260	05.62	34.558	27.27		1477.2							
	085	00262	05.64	34.555	27.27		1477.4							
	085	00272	05.08	34.518	27.31		1475.2							
	085	00275	04.85	34.510	27.33		1474.3							
	STD	00300	04.76	34.55	27.37	00.327	1474.4							
	085	00300	04.76	34.553	27.37		1474.4							
	085	00321	04.73	34.555	27.38		1474.6							
	045	00325	04.53	34.678	27.45		1475.7							
	085	00333	05.20	34.687	27.43		1476.9							
	045	00338	04.40	34.560	27.42		1473.5							
	085	00346	04.34	34.543	27.41		1473.4							
	045	00350	03.96	34.485	27.40		1471.8							
	045	00352	03.53	34.500	27.42		1471.7							
	085	00375	04.58	34.695	27.50		1475.0							
	085	00388	04.72	34.697	27.49		1475.8							
	085	00394	05.69	34.907	27.54		1480.2							
	085	00399	06.20	34.992	27.54		1482.4							
	STD	00400	06.20	34.99	27.54	00.356	1482.5							
	085	00401	06.21	34.990	27.54		1482.5							
	085	00426	06.32	35.025	27.55		1483.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N D O C S T A T I O N D A T A													
CAS/THUR/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103 PH
085	00437	06.35	35.020	27.54			1483.5						
085	00441	06.18	35.008	27.56			1483.1						
085	00447	06.15	35.013	27.56			1483.2						
085	00454	05.75	34.920	27.54			1481.5						
085	00458	05.44	34.860	27.55			1483.2						
085	00460	05.55	34.845	27.53			1480.0						
085	00464	05.14	34.840	27.55			1479.0						
085	00475	04.90	34.830	27.57			1478.2						
085	00475	05.03	34.840	27.57			1478.4						
STO	00500	05.17	34.61	27.60	00.454		1475.8						
085	00500	05.17	34.607	27.60			1475.8						
085	00510	05.17	34.905	27.60			1480.0						
085	00519	04.63	34.815	27.55			1477.8						
085	00525	04.56	34.840	27.64			1477.6						
085	00531	05.05	34.610	27.62			1475.8						
085	00550	05.17	34.69 P	27.590*									
085	00552	05.17	34.69 P	27.590*									
085	00572	05.94	35.045	27.62			1464.3						
085	00576	05.53	35.040	27.61			1464.4						
STO	00600	05.46	35.05	27.68	00.507		1462.8						
085	00601	05.44	35.050	27.68			1482.8						
085	00620	05.39	35.050	27.65			1463.0						
085	00652	05.32	35.040	27.65			1483.1						
085	00675	05.14	35.040	27.71			1482.8						
STO	00700	04.55	35.03	27.72	00.555		1482.6						
085	00700	04.55	35.030	27.72			1482.6						
085	00725	04.50	35.030	27.73			1482.6						
085	00751	05.02	35.050	27.73			1483.6						
085	00776	04.51	35.050	27.75			1483.5						
STO	00800	04.57	35.03	27.75	00.603		1484.1						
085	00803	04.57	35.030	27.72			1484.2						
085	00828	04.56	35.030	27.72			1484.6						
085	00850	04.85	35.050	27.75			1484.5						
085	00875	04.67	35.030	27.76			1484.2						
STO	00900	04.46	35.00	27.78	00.645		1483.7						
085	00900	04.46	35.000	27.78			1483.7						
085	00925	04.35	35.000	27.77			1483.8						
085	00951	04.35	34.990	27.76			1484.1						
085	00974	04.30	34.950	27.77			1484.3						
STO	01000	04.35	35.00	27.76	00.653		1485.0						
085	01033	04.40	35.000	27.76			1485.1						
085	01016	04.41	35.010	27.77			1485.4						

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 51 0355	YEAR 1973	USTDP 04513	AIR TEMP 14.9	OIR MGT PER	WIND-DIR 15	INST STD RECORDER	TEN SW 1306
CONSEC 0114	MONTH 05	SHIP EV	WET BULB 13.2	01 2 2	WIND-SFD 16	TRACE DIR	5 SQUARE 2
LAT 42 58 N	DAY 22	DATA USE 1	BAROMETR 1019.3	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 046 21 W	MOJR 03.9	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 259	1 SQUARE 26

CASINUM/IME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DTYG	P34	TGT P	MDL	NG3	SIG3	PH
03.9	STD	00000	17.75	36.06	26.16	00.000	1517.0							
	085	00003	17.75	36.060	26.16		1517.1							
	STD	00010	17.76	36.06	26.16	00.015	1517.2							
	085	00013	17.76	36.065	26.16		1517.3							
	085	00019	17.69	36.065	26.18		1517.2							
	STD	00023	17.64	36.06	26.17	00.037	1517.0							
	085	00022	17.50	35.985	26.27		1515.5							
	085	00024	16.33	35.592	26.45		1513.1							
	STD	00030	16.00	36.05	26.56	00.054	1512.5							
	085	00033	16.05	36.058	26.57		1512.5							
	085	00040	16.13	36.110	26.59		1512.9							
	085	00041	15.96	36.081	26.61		1512.4							
	085	00047	15.75	36.022	26.61		1511.8							
	STD	00050	15.50	36.07	26.61	00.084	1512.3							
	085	00051	15.57	36.090	26.61		1512.6							
	STD	00075	15.51	36.03	26.67	00.115	1511.5							
	085	00076	15.49	36.027	26.67		1511.4							
	STD	00100	15.33	35.97	26.67	00.154	1511.1							
	085	00104	15.23	35.950	26.67		1511.0							
	STD	00125	14.85	35.85	26.68	00.190	1510.0							
	085	00126	14.83	35.850	26.68		1510.0							
	085	00137	14.53	35.850	26.74		1509.1							
	085	00140	14.17	35.730	26.73		1508.0							
	STD	00150	14.13	35.72	26.73	00.224	1508.0							
	085	00153	14.13	35.720	26.73		1508.0							
	085	00175	13.65	35.740	26.83		1507.6							
	STD	00200	13.62	35.70	26.83	00.291	1507.1							
	085	00201	13.61	35.700	26.83		1507.1							
	085	00220	13.57	35.740	26.87		1507.4							
	STD	00250	13.35	35.73	26.91	00.354	1507.0							
	085	00251	13.34	35.730	26.91		1507.0							
	085	00276	13.16	35.700	26.92		1506.8							
	085	00281	12.80	35.600	26.90		1505.8							
	STD	00300	12.72	35.58	26.92	00.415	1505.6							
	085	00300	12.70	35.560	26.92		1505.5							
	085	00321	11.88	35.517	27.03		1503.0							
	085	00327	11.56	35.520	27.02		1503.4							
	085	00350	11.48	35.500	27.05		1502.0							
	085	00361	11.23	35.460	27.13		1501.3							
	085	00375	10.65	35.390	27.12		1500.1							
	085	00395	10.35	35.350	27.18		1498.7							
	STD	00400	10.34	35.35	27.18	00.526	1498.6							
	085	00405	10.15	35.290	27.17		1498.0							
	085	00426	09.67	35.230	27.21		1496.5							
	085	00451	09.11	35.180	27.26		1494.8							
	085	00475	08.71	35.170	27.32		1493.7							
	STD	00500	08.39	35.19	27.38	00.615	1492.9							
	085	00500	08.36	35.190	27.38		1492.8							
	085	00519	08.18	35.160	27.35		1492.4							
	085	00531	07.61	35.073	27.41		1490.3							
	085	00546	07.02	34.954	27.40		1488.1							
	085	00555	06.60	34.890	27.41		1486.5							
	085	00565	06.37	34.920	27.46		1485.8							
	085	00571	06.66	34.955	27.45		1487.3							
	085	00574	06.28	34.910	27.47		1485.5							
	085	00576	06.22	34.890	27.46		1485.3							
	085	00578	06.21	34.900	27.47		1485.3							
	085	00582	06.65	35.035	27.52		1487.3							
	085	00597	06.29	34.96 P	27.450*									
	STD	00600	06.39	35.00	27.52	00.686	1486.5							
	085	00601	06.39	35.000	27.52		1486.5							
	085	00612	06.66	35.050	27.53		1487.9							
	085	00626	06.73	35.150	27.59		1488.5							
	085	00632	06.84	35.150	27.58		1489.0							
	085	00656	06.57	35.050	27.56		1487.4							
	085	00675	06.13	35.040	27.55		1486.8							
	STD	00700	05.92	35.04	27.61	00.753	1486.4							
	085	00703	05.92	35.337	27.61		1486.4							
	085	00725	05.76	35.030	27.63		1486.1							
	085	00743	05.71	35.04 P	27.640									
	085	00750	05.53	35.050	27.62		1487.2							
	085	00776	05.81	35.045	27.63		1487.2							
	STD	00800	05.61	35.04	27.65	00.807	1486.8							
	085	00801	05.60	35.040	27.66		1486.7							
	085	00826	05.35	35.040	27.66		1486.3							
	085	00850	05.35	35.040	27.69		1486.5							
	085	00875	05.22	35.027	27.69		1486.4							
	STD	00900	05.08	35.05	27.73	00.855	1486.3							
	085	00903	05.08	35.050	27.73		1486.3							
	085	00927	05.01	35.040	27.73		1486.4							
	085	00951	04.93	35.050	27.74		1486.5							
	085	00976	04.83	35.040	27.75		1486.5							
	STD	01000	04.75	35.03	27.75	00.907	1486.6							
	085	01001	04.75	35.030	27.75		1486.6							
	085	01016	04.71	35.030	27.75		1486.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA														
REFID 31 8555	YEAR 1973	BOTOP 04533	AIR TEMP 14.2	DIA HGT PER	WIND-GIA 34	INST STO RECORDER	TEN SW 1302							
CONSEC 0115	MONTH 05	SHIP EV	WET BULB 13.8	04 3 3	WIND-SPD 16	TRALE DIR	5 SQUARE 2							
LAT 41 42 N	DAY 22	DATA USE 1	BAROMETER 1019.2	SEA	WIND-FDR	DURATION	2 SQUARE 06							
LONG 046 03 W	HOUR 13.0	AREA 05	CLOUD T/A	CL/T/A	WEATHER X1	ORIG 011 300	1 SQUARE 16							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	POW	TOT P	NO2	NO3	SIG3	PH
13.0	STO	00000	17.51	35.93	26.12	00.000	1516.2							
	DBS	00001	17.51	35.930	26.12		1516.2							
	STO	00010	17.51	35.93	26.12	00.019	1516.3							
	DBS	00011	17.50	35.932	26.13		1516.3							
	DBS	00019	17.41	35.935	26.15		1516.2							
	STO	00020	17.10	35.90	26.20	00.026	1515.2							
	DBS	00020	16.83	35.895	26.20		1514.5							
	DBS	00022	16.32	35.985	26.45		1513.1							
	DBS	00028	15.73	36.022	26.61		1511.4							
	STO	00050	15.69	36.04	26.62	00.054	1511.3							
	DBS	00050	15.68	36.042	26.64		1511.3							
	STO	00050	15.50	36.04	26.68	00.082	1511.1							
	DBS	00051	15.48	36.040	26.68		1511.0							
	STO	00075	14.87	35.89	26.70	00.117	1509.3							
	DBS	00076	14.84	35.880	26.70		1509.2							
	STO	00100	14.22	35.73	26.72	00.151	1507.4							
	DBS	00100	14.20	35.728	26.72		1507.4							
	STO	00125	13.63	35.72	26.60	00.184	1506.6							
	DBS	00125	13.62	35.720	26.60		1506.5							
	STO	00150	13.22	35.60	26.83	00.216	1504.6							
	DBS	00150	13.21	35.600	26.83		1504.6							
	DBS	00175	12.62	35.527	26.84		1504.1							
	STO	00200	12.62	35.50	26.87	00.279	1503.5							
	DBS	00201	12.61	35.495	26.87		1503.5							
	DBS	00226	12.55	35.457	26.89		1503.7							
	STO	00250	12.04	35.41	26.92	00.340	1502.2							
	DBS	00253	12.01	35.395	26.91		1502.2							
	DBS	00277	12.05	35.507	26.99		1502.6							
	STO	00300	11.60	35.49	27.01	00.399	1502.7							
	DBS	00300	11.69	35.450	27.01		1502.6							
	DBS	00304	11.82	35.500	27.03		1502.5							
	DBS	00325	11.14	35.350	27.07		1500.3							
	DBS	00338	10.80	35.350	27.10		1499.3							
	DBS	00348	10.39	35.253	27.10		1497.6							
	DBS	00350	10.33	35.240	27.10		1497.6							
	DBS	00359	10.27	35.257	27.12		1497.5							
	DBS	00361	09.61	35.170	27.12		1496.6							
	DBS	00364	09.74	35.160	27.14		1495.7							
	DBS	00376	09.20	35.050	27.14		1493.7							
	DBS	00384	07.95	34.830	27.17		1490.6							
	STO	00400	07.94	34.85	27.22	00.503	1489.1							
	DBS	00405	07.94	34.695	27.22		1489.2							
	DBS	00426	07.45	34.840	27.25		1487.6							
	DBS	00430	07.28	34.600	27.24		1486.9							
	DBS	00434	06.86	34.710	27.23		1485.2							
	DBS	00435	06.64	34.695	27.22		1485.2							
	DBS	00443	06.31	35.040	27.28		1491.4							
	DBS	00453	06.47	35.170	27.36		1492.4							
	DBS	00475	07.77	35.040	27.36		1489.9							
	DBS	00477	07.76	35.045	27.37		1489.9							
	DBS	00485	06.70	34.835	27.35		1485.6							
	DBS	00494	06.38	34.815	27.38		1484.6							
	STO	00500	06.25	34.75	27.37	00.588	1484.0							
	DBS	00502	06.03	34.740	27.36		1483.1							
	DBS	00525	05.93	34.62 P	27.440									
	DBS	00540	05.82	34.75 P	27.430									
	DBS	00544	05.53	34.710	27.40		1481.8							
	DBS	00550	05.44	34.700	27.41		1481.5							
	DBS	00567	05.32	34.780	27.48		1481.4							
	DBS	00573	04.79	34.700	27.48		1479.2							
	DBS	00576	04.65	34.670	27.48		1478.6							
	DBS	00582	04.01	34.560	27.46		1475.9							
	DBS	00584	03.99	34.550	27.45		1475.8							
	DBS	00590	05.07	34.820	27.55		1480.8							
	STO	00600	05.05	34.81	27.54	00.659	1480.9							
	DBS	00601	05.05	34.800	27.53		1480.9							
	DBS	00605	04.93	34.773	27.52		1480.4							
	DBS	00611	04.44	34.650	27.51		1478.4							
	DBS	00620	04.72	34.800	27.57		1479.8							
	DBS	00628	05.36	34.853	27.57		1482.7							
	DBS	00645	05.46	34.647	27.60		1483.5							
	DBS	00651	06.01	35.040	27.60		1485.9							
	DBS	00675	05.98	35.030	27.60		1486.2							
	DBS	00682	05.69	35.010	27.62		1485.1							
	STO	00700	05.63	35.01	27.63	00.714	1485.1							
	DBS	00700	05.63	35.015	27.63		1485.2							
	DBS	00711	05.64	35.050	27.66		1485.4							
	DBS	00717	05.28	35.020	27.66		1484.0							
	DBS	00725	05.23	34.990	27.66		1483.9							
	DBS	00744	05.14	35.010	27.69		1482.9							
	DBS	00750	05.51	35.050	27.67		1485.5							
	DBS	00776	04.99	35.000	27.70		1483.8							
	STO	00800	05.13	35.04	27.71	00.771	1484.0							
	DBS	00801	05.14	35.040	27.71		1484.9							
	DBS	00818	05.32	35.035	27.69		1485.9							
	DBS	00826	05.00	35.010	27.70		1484.7							
	DBS	00860	04.72	34.950	27.72		1484.1							
	DBS	00875	04.75	34.950	27.72		1484.4							
	STO	00900	04.73	35.00	27.73	00.820	1484.8							
	DBS	00900	04.73	35.003	27.73		1484.8							
	DBS	00925	04.69	35.000	27.73		1485.0							
	DBS	00951	04.64	35.000	27.74		1485.3							
	DBS	00997	04.49	34.990	27.75		1485.4							
	STO	01000	04.53	34.95	27.74	00.867	1485.6							
	DBS	01001	04.55	34.990	27.74		1485.7							
	DBS	01018	04.72	35.025	27.75		1486.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOD STATION DATA

REFID 31 8555	YEAR 1973	BDTOP 04420	AIR TEMP 15.0	DIR MGT PER	WIND-DIR 04	INST STD RECORDER	TEN SW 1306
CONSEC 0110	MONTH 05	SHIP EV	WET BULB 12.8	04 2 3	WIND-SPO 13	TRACE DIR 0	9 SQUARE 2
LAT 42 01.5N	DAY 22	DATA USE 1	BAROMETER 1015.4	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 046 43 W	MOOR 17.2	AREA 05	CLOUD T/A	CL/TA	WEATHER 40	ORIG 011 301	1 SQUARE 26

CSTNUM/TIME	LVLTYF	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	DAYG	P04	TOT P	M02	N03	S103	PH
17.2	STD	00000	10.35	35.16	25.48	00.000	1485.3							
	085	00001	10.35	35.160	25.48		1485.3							
	085	00005	10.35	35.182	25.50		1485.4							
	STD	00010	09.95	35.19	25.57	00.025	1488.1							
	085	00011	09.70	35.187	25.61		1487.2							
	085	00015	08.71	35.228	25.80		1483.0							
	085	00017	08.49	35.230	25.85		1482.8							
	STD	00020	07.01	35.21	26.03	00.047	1477.1							
	085	00020	06.64	35.212	26.08		1475.6							
	085	00024	05.55	35.240	26.24		1471.3							
	085	00028	05.26	35.326	26.34		1470.3							
	STD	00030	04.59	35.31	26.40	00.065	1467.6							
	085	00033	04.41	35.302	26.42		1464.8							
	085	00034	03.52	35.107	26.47		1464.0							
	085	00036	03.50	35.416	26.56		1464.9							
	085	00038	04.01	35.450	26.58		1465.4							
	085	00040	03.94	35.460	26.59		1465.2							
	085	00041	03.45	35.470	26.64		1463.3							
	085	00043	03.60	35.532	26.68		1463.9							
	085	00047	04.24	35.663	26.72		1466.8							
	STD	00050	04.00	35.66	26.74	00.094	1465.5							
	085	00051	03.86	35.655	26.75		1465.3							
	085	00053	04.32	35.827	26.84		1467.5							
	085	00057	05.23	35.930	26.82		1471.5							
	085	00060	04.03	35.760	26.82		1466.3							
	085	00062	03.66	35.710	26.82		1464.7							
	085	00066	02.83	35.687	26.88		1461.2							
	085	00068	02.67	35.785	26.97		1460.7							
	085	00072	02.32	35.742	26.96		1459.1							
	STD	00075	02.15	35.77	26.95	00.124	1456.6							
	085	00076	02.15	35.775	27.00		1458.5							
	085	00079	02.05	35.793	27.02		1458.3							
	085	00080	02.12	35.840	27.04		1458.6							
	085	00097	02.56	35.937	27.10		1460.9							
	STD	00100	02.59	35.99	27.11	00.150	1462.8							
	085	00100	02.05	34.007	27.11		1463.3							
	085	00110	03.19	34.020	27.11		1463.9							
	085	00116	03.94	34.215	27.19		1467.5							
	085	00121	04.06	34.215	27.18		1468.1							
	STD	00123	03.85	34.21	27.20	00.173	1467.2							
	085	00127	03.74	34.210	27.21		1466.8							
	085	00146	04.19	34.300	27.23		1465.1							
	STD	00150	04.43	34.32	27.22	00.195	1470.2							
	085	00154	04.65	34.355	27.23		1471.2							
	085	00165	04.85	34.490	27.31		1472.4							
	085	00171	04.60	34.463	27.32		1471.5							
	085	00175	04.74	34.470	27.31		1472.1							
	085	00182	04.53	34.470	27.33		1471.4							
	085	00194	05.26	34.560	27.32		1474.8							
	085	00196	05.23	34.545	27.31		1474.6							
	085	00199	04.86	34.565	27.37		1473.1							
	STD	00200	04.86	34.56	27.37	00.236	1473.1							
	085	00201	04.82	34.565	27.37		1473.0							
	085	00205	04.69	34.550	27.38		1472.5							
	085	00209	04.96	34.570	27.36		1475.7							
	085	00215	04.63	34.550	27.36		1473.2							
	085	00220	04.42	34.537	27.40		1471.6							
	085	00226	04.35	34.553	27.41		1471.0							
	085	00232	04.00	34.480	27.39		1470.0							
	STD	00250	04.57	34.54	27.41	00.272	1471.9							
	085	00251	04.36	34.550	27.41		1472.0							
	085	00276	04.47	34.654	27.48		1472.9							
	085	00298	05.55	34.895	27.54		1478.2							
	STD	00300	05.65	34.91	27.54	00.304	1478.6							
	085	00304	06.01	34.970	27.55		1480.1							
	085	00325	05.98	34.990	27.57		1480.3							
	085	00340	05.40	34.905	27.57		1478.1							
	085	00350	05.33	34.880	27.56		1478.0							
	085	00375	05.41	34.910	27.58		1478.7							
	085	00382	05.35	34.910	27.58		1478.6							
	085	00386	05.60	35.020	27.64		1475.8							
	STD	00400	05.79	35.04	27.63	00.360	1480.9							
	085	00401	05.81	35.040	27.63		1481.0							
	085	00411	05.94	35.03 P	27.600*									

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MOOC STATION DATA															
CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	OXYG	PO4	TUT P	NO2	NO3	SIC3	PH	
065	00418	04.89	34.897	27.63			1477.3								
065	00426	04.93	34.905	27.63			1477.6								
065	00451	04.80	34.853	27.64			1477.5								
065	00480	04.85	34.850	27.63			1477.8								
065	00468	05.31	35.035	27.69			1480.0								
065	00475	05.35	35.050	27.69			1480.4								
STO	00500	05.42	35.04	27.67		00.411	1481.0								
065	00500	05.55 P	35.035	27.650											
065	00525	05.50	35.045	27.67			1481.8								
065	00550	05.30	35.050	27.70			1481.4								
065	00578	05.29	35.030	27.69			1481.7								
STO	00600	05.17	35.04	27.71		00.459	1481.7								
065	00601	05.16	35.044	27.71			1481.6								
065	00626	05.04	35.040	27.72			1481.6								
065	00651	04.99	35.040	27.73			1481.8								
065	00675	04.89	35.030	27.73			1481.7								
STO	00700	04.87	35.03	27.74		00.505	1482.1								
065	00700	04.87	35.032	27.74			1482.1								
065	00725	04.83	35.030	27.74			1482.3								
065	00750	04.84	35.030	27.74			1482.7								
STO	00778	04.78	35.030	27.75			1483.0								
STO	00800	04.75	35.03	27.75		00.550	1483.4								
065	00801	04.74	35.030	27.75			1483.2								
065	00826	04.55	35.030	27.77			1483.8								
065	00850	04.45	35.027	27.78			1483.8								
065	00875	04.34	35.007	27.78			1482.8								
STO	00900	04.26	35.00	27.78		00.594	1482.8								
065	00904	04.26	34.997	27.78			1482.6								
065	00925	04.31	35.010	27.78			1483.5								
065	00951	04.26	35.000	27.78			1483.7								
065	00978	04.24	35.000	27.78			1484.0								
STO	01000	04.15	34.99	27.78		00.638	1484.2								
065	01001	04.15	34.990	27.78			1484.2								
065	01022	04.17	34.955	27.79			1484.5								

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 6355	YEAR 1973	BOTOP 35528	AIR TEMP 11.2	OIR MGT PER	WIND-OIR 04	INST STD RECORDER	TEN SQ 1306
CONSEC 0117	MONTH 05	SHIP EV	WET BULB 10.7	05 2 3	WIND-SPO 09	TRACE OIR	5 SQUARE 2
LAT 42 20.5N	DAY 22	DATA USE 1	BAROMETER 1020.2	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 077 22 W	MOJRA 21.3	AREA 05	CLOUD 7/A	CL/TA	WEATHER AQ	ORIG 011 302	1 SQUARE 27

CASSTN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DYRG	P24	TOT P	NO2	NO3	SIO3	PH
21.3	STO	00000	10.24	33.25	25.57	00.000	1489.0							
	DBS	00003	10.24	33.255	25.57		1489.1							
	DBS	00007	13.50	35.527	26.70		1503.5							
	STO	00010	13.59	35.53	26.70	00.019	1503.7							
	DBS	00011	13.61	35.530	26.70		1503.7							
	STO	00020	13.68	35.68	26.75	00.032	1504.3							
	DBS	00022	13.69	35.694	26.81		1504.4							
	DBS	00026	13.67	35.688	26.81		1504.4							
	STO	00030	13.61	35.66	26.80	00.045	1504.2							
	DBS	00036	13.30	35.550	26.75		1503.5							
	STO	00050	13.14	35.59	26.84	00.070	1502.9							
	DBS	00051	13.11	35.594	26.85		1502.8							
	DBS	00060	12.91	35.520	26.83		1502.2							
	STO	00075	12.76	35.52	26.86	00.100	1501.6							
	DBS	00076	12.75	35.520	26.86		1501.6							
	STO	00100	12.63	35.51	26.88	00.131	1501.9							
	DBS	00100	12.63	35.510	26.88		1501.9							
	DBS	00119	12.23	35.470	26.93		1500.8							
	STO	00125	12.01	35.50	26.92	00.160	1502.3							
	DBS	00125	12.01	35.50	26.92		1502.3							
	DBS	00129	12.35	35.485	26.92		1501.4							
	DBS	00133	11.62	35.298	26.91		1498.7							
	DBS	00140	10.53	35.040	26.91		1494.7							
	STO	00150	09.90	34.90	26.91	00.190	1494.3							
	DBS	00150	09.88	34.850	26.91		1492.3							
	DBS	00154	09.79	35.023	27.02		1492.2							
	DBS	00156	10.02	35.035	27.00		1493.1							
	DBS	00161	09.80	35.036	27.03		1492.5							
	DBS	00165	09.35	34.903	27.00		1490.6							
	DBS	00177	09.56	35.042	27.08		1491.7							
	DBS	00182	09.35	35.040	27.11		1491.1							
	DBS	00186	09.07	34.958	27.12		1490.0							
	DBS	00192	09.04	35.005	27.14		1490.0							
	DBS	00194	09.31	35.030	27.11		1491.1							
	STO	00200	09.32	35.04	27.12	00.244	1491.2							
	DBS	00201	09.32	35.045	27.12		1491.3							
	DBS	00226	08.31	34.877	27.15		1487.7							
	DBS	00230	08.15	34.835	27.14		1487.1							
	DBS	00236	07.31	34.700	27.16		1483.7							
	DBS	00237	07.23	34.700	27.17		1483.5							
	DBS	00243	06.78	34.617	27.17		1481.7							
	STO	00250	06.69	34.67	27.22	00.292	1481.5							
	DBS	00251	06.65	34.677	27.23		1481.4							
	DBS	00257	06.36	34.660	27.26		1480.3							
	DBS	00260	06.87	34.810	27.31		1482.6							
	DBS	00276	07.14	34.840	27.29		1483.9							
	DBS	00281	07.10	34.840	27.29		1484.1							
	DBS	00291	06.87	34.750	27.29		1483.0							
	DBS	00295	06.44	34.710	27.29		1481.3							
	STO	00300	06.20	34.69	27.30	00.355	1480.7							
	DBS	00300	06.24	34.690	27.30		1480.6							
	DBS	00321	05.98	34.685	27.33		1479.9							
	DBS	00327	04.92	34.552	27.35		1475.5							
	DBS	00331	04.98	34.550	27.34		1475.8							
	DBS	00336	05.59	34.697	27.39		1478.6							
	DBS	00350	05.92 P	34.80 P	27.430									
	DBS	00354	05.98 P	34.81 P	27.430									
	DBS	00357	05.53	34.700	27.40		1478.7							
	DBS	00365	04.76	34.560	27.38		1475.4							
	DBS	00375	04.91	34.690	27.46		1476.4							
	DBS	00395	04.92	34.710	27.48		1476.8							
	STO	00400	04.12	34.62	27.49	00.406	1473.4							
	DBS	00405	03.63	34.560	27.50		1471.4							
	DBS	00407	03.62	34.560	27.50		1471.4							
	DBS	00409	03.62	34.570	27.50		1471.4							
	DBS	00413	04.16	34.675	27.53		1473.9							
	DBS	00416	04.17	34.680	27.54		1474.0							
	DBS	00420	04.82	34.810	27.57		1476.9							
	DBS	00426	04.94	34.810	27.55		1477.5							
	DBS	00432	05.11	34.825	27.55		1478.3							
	DBS	00439	05.40	34.910	27.53		1481.4							
	DBS	00453	05.77	34.910	27.53		1481.5							
	DBS	00468	04.94	34.840	27.56		1478.3							
	DBS	00472	05.37	34.905	27.58		1480.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA														
CASINO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	PQ4	TOT P	NQ2	NQ3	S1Q3	PH
085	00475	05.40	34.850	27.56			1480.3							
085	00481	05.46	34.875	27.62			1480.8							
085	00485	05.82	35.040	27.63			1482.4							
STO	00500	05.82	35.03	27.62		00.468	1482.6							
085	00502	05.82	35.030	27.62			1482.7							
085	00525	05.65	35.050	27.65			1482.5							
085	00550	05.60	35.050	27.66			1482.6							
085	00576	05.50	35.050	27.68			1482.6							
STO	00600	05.54	35.05	27.67		00.521	1483.2							
085	00601	05.54	35.047	27.67			1483.2							
085	00626	05.30	35.030	27.68			1482.6							
085	00651	05.26	35.050	27.71			1482.9							
085	00675	05.17	35.050	27.72			1482.9							
STO	00700	04.82	35.01	27.73		00.565	1481.9							
085	00700	04.82	35.010	27.73			1481.8							
085	00725	04.65	35.000	27.73			1481.7							
085	00750	04.60	35.000	27.74			1481.7							
085	00776	04.68	35.025	27.75			1482.5							
STO	00800	04.72	35.03	27.75		00.615	1483.1							
085	00801	04.72	35.032	27.75			1483.1							
085	00826	04.71	35.040	27.76			1483.5							
085	00850	04.71	35.040	27.76			1483.9							
085	00875	04.57	35.025	27.77			1483.7							
STO	00900	04.55	35.03	27.77		00.655	1484.1							
085	00900	04.55	35.030	27.77			1484.1							
085	00925	04.45	35.030	27.78			1484.2							
085	00951	04.44	35.030	27.78			1484.6							
085	00978	04.47	35.030	27.76			1485.0							
STO	01000	04.45	35.02	27.78		00.702	1485.3							
085	01001	04.45	35.020	27.77			1485.3							
085	01014	04.46	35.034	27.76			1485.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 51 8355	YEAR 1973	BOTOP 03423	AIR TEMP 13.5	DIR MGT PER	WIND-DIR 08	INST STO RECORDER	TEN SQ 1506
CONSEC 0110	MCNTH 05	SHIP EV	WET BULB 12.0	07 1 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 2
LAT 42 37 N	DAY 23	DATA USE 1	BAROMETER 1021.2	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 55 W	HOUR 01.4	AREA 05	CLOUD T/A	CL/TR	WEATHER A0	ORIG 011 303	1 SQUARE 27

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PD4	TOT P	MO2	MO3	SIO3	PH
01.4	STO	00000	15.36	35.72	26.46	00.000	1509.4							
	085	00003	15.36	35.720	26.46		1509.5							
	STO	00010	15.36	35.73	26.47	00.016	1509.6							
	085	00011	15.36	35.727	26.47		1509.6							
	STO	00020	15.36	35.72	26.46	00.032	1509.7							
	085	00023	15.36	35.720	26.46		1509.8							
	STO	00030	15.37	35.72	26.47	00.047	1509.9							
	085	00030	15.37	35.725	26.47		1509.9							
	085	00034	15.24	35.730	26.50		1509.6							
	085	00036	14.98	35.663	26.52		1508.8							
	085	00040	14.14	35.532	26.59		1505.5							
	STO	00050	14.04	35.58	26.64	00.077	1505.8							
	085	00051	13.97	35.565	26.66		1505.6							
	085	00053	13.86	35.573	26.68		1505.3							
	STO	00075	13.93	35.55	26.68	00.113	1505.5							
	085	00076	13.93	35.562	26.68		1505.9							
	085	00079	14.25	35.720	26.71		1507.2							
	STO	00100	13.83	35.71	26.75	00.146	1506.1							
	085	00100	13.81	35.710	26.75		1506.1							
	085	00108	13.63	35.698	26.82		1505.6							
	085	00118	13.37	35.600	26.80		1504.8							
	STO	00125	13.21	35.59	26.83	00.178	1504.4							
	085	00125	13.20	35.590	26.83		1504.3							
	STO	00150	12.95	35.52	26.82	00.210	1503.8							
	085	00150	12.95	35.520	26.82		1503.8							
	085	00182	12.95	35.390	26.80		1502.8							
	STO	00200	12.39	35.36	26.82	00.274	1502.6							
	085	00203	12.37	35.373	26.83		1502.5							
	085	00225	12.25	35.417	26.87		1502.7							
	085	00230	12.62	35.530	26.90		1504.0							
	STO	00250	12.52	35.54	26.93	00.336	1504.0							
	085	00251	12.51	35.542	26.93		1504.0							
	085	00276	12.26	35.570	27.00		1503.7							
	085	00277	11.29	35.540	27.01		1503.6							
	085	00281	11.01	35.512	27.00		1502.9							
	STO	00300	11.95	35.48	26.99	00.395	1502.8							
	085	00300	11.93	35.480	26.99		1502.8							
	085	00310	11.60	35.465	27.04		1501.8							
	085	00325	10.93	35.383	27.10		1499.6							
	085	00336	10.65	35.330	27.11		1498.8							
	085	00340	10.31	35.250	27.11		1497.4							
	085	00348	10.10	35.245	27.14		1496.8							
	085	00350	09.88	35.160	27.12		1495.9							
	085	00375	09.84	35.257	27.20		1496.3							
	STO	00400	09.56	35.25	27.24	00.499	1495.7							
	085	00401	09.53	35.250	27.25		1495.6							
	085	00426	08.95	35.173	27.28		1493.7							
	085	00451	08.11	35.045	27.31		1490.8							
	085	00475	07.61	35.045	27.35		1485.3							
	STO	00500	07.01	35.00	27.44	00.582	1487.3							
	085	00500	07.00	35.000	27.44		1487.3							
	085	00525	06.77	34.995	27.47		1486.8							
	085	00542	06.25	34.910	27.47		1484.6							
	085	00546	06.14	34.885	27.46		1484.5							
	085	00550	06.03	34.890	27.48		1484.1							
	085	00561	06.00	34.903	27.50		1484.2							
	085	00565	05.74	34.900	27.53		1483.2							
	085	00576	06.11	35.030	27.58		1485.1							
	STO	00600	06.35	35.04	27.56	00.650	1486.4							
	085	00601	06.35	35.040	27.56		1486.4							
	085	00626	06.25	35.040	27.57		1486.4							
	085	00651	06.15	35.035	27.58		1486.5							
	085	00675	05.93	35.045	27.62		1486.0							
	STO	00700	05.83	35.04	27.62	00.710	1486.0							
	085	00700	05.83	35.035	27.62		1486.0							
	085	00725	05.65	35.050	27.65		1485.9							
	085	00751	05.42	35.030	27.67		1485.2							
	085	00776	05.42	35.040	27.68		1485.6							
	STO	00800	05.19	35.03	27.70	00.764	1485.0							
	085	00801	05.18	35.030	27.70		1485.0							
	085	00810	05.16	35.035	27.71		1485.1							
	085	00814	04.93	35.010	27.71		1484.2							
	085	00826	04.62	35.000	27.72		1483.5							
	085	00849	05.07	35.040	27.72		1485.4							
	085	00852	04.82	35.000	27.72		1484.4							
	085	00875	04.85	35.030	27.73		1485.1							
	STO	00900	04.64	35.00	27.74	00.812	1484.4							
	085	00900	04.64	35.000	27.74		1484.4							
	085	00925	04.54	34.992	27.74		1484.4							
	085	00955	04.50	34.990	27.75		1484.7							
	085	00976	04.52	34.997	27.75		1485.2							
	STO	01000	04.48	35.00	27.75	00.855	1485.4							
	085	01001	04.48	34.997	27.75		1485.4							
	085	01016	04.42	34.990	27.75		1485.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 0355	YEAR 1973	BOTUP 03054	AIR TEMP 15.0	OIR MGT PER	WIND-OIR 06	INST STO RECORDER	TEN SW 1306
CUNSEC 0115	MONTH 05	SHIP EV	WET BULB 12.5	05 1 2	WIND-SPO 16	TRACE OIR 0	5 SQUARE 2
LAT 42 50.5N	DAY 23	DATA USE 1	BAROMETER 1020.5	SEA	WIND-FCK	DURATION	2 SQUARE 28
LONG 048 22 W	MOJUR 04.0	AREA 05	CLOUD 1/A	CL/TR	WEATHER 43	ORIG 011 334	1 SQUARE 28

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
04.0	STD	00000	15.05	35.73	26.54	00.000	1508.5							
	085	00005	15.05	35.734	26.54		1508.5							
	STD	00010	15.05	35.74	26.55	00.015	1508.6							
	085	00011	15.05	35.738	26.55		1508.6							
	STD	00020	15.06	35.73	26.54	00.030	1508.8							
	085	00020	15.06	35.730	26.54		1508.8							
	STD	00030	14.92	35.71	26.50	00.045	1508.5							
	085	00030	14.84	35.702	26.57		1508.2							
	085	00032	14.45	35.660	26.61		1507.1							
	085	00034	14.35	35.714	26.68		1506.8							
	085	00036	14.40	35.725	26.68		1507.0							
	085	00040	14.11	35.678	26.71		1506.0							
	085	00043	14.06	35.700	26.73		1506.0							
	085	00049	13.67	35.550	26.75		1504.6							
	STD	00053	13.64	35.55	26.74	00.073	1504.6							
	085	00051	13.58	35.541	26.75		1504.4							
	STD	00075	13.68	35.72	26.63	00.106	1505.2							
	085	00076	13.68	35.720	26.63		1505.3							
	STD	00100	13.61	35.72	26.64	00.137	1505.4							
	085	00100	13.60	35.721	26.65		1505.4							
	STD	00125	13.30	35.71	26.50	00.167	1504.8							
	085	00125	13.29	35.58	26.80		1504.8							
	085	00146	13.02	35.550	26.86		1504.1							
	STD	00150	12.86	35.58	26.87	00.156	1503.6							
	085	00152	12.77	35.540	26.88		1503.3							
	085	00175	12.53	35.490	26.88		1502.8							
	STD	00200	12.43	35.48	26.90	00.255	1502.8							
	085	00201	12.43	35.480	26.90		1502.9							
	085	00226	12.41	35.520	26.93		1503.2							
	085	00234	12.20	35.485	26.95		1502.6							
	085	00239	11.80	35.375	26.94		1501.2							
	085	00241	11.72	35.365	26.94		1500.9							
	085	00245	11.33	35.273	26.95		1499.5							
	STD	00250	11.33	35.35	27.01	00.317	1499.7							
	085	00251	11.33	35.370	27.02		1499.7							
	085	00266	11.56	35.400	27.00		1500.9							
	085	00274	11.53	35.360	27.01		1500.1							
	085	00277	10.50	35.260	27.01		1498.5							
	085	00281	10.78	35.250	27.03		1498.1							
	085	00298	09.88	35.045	27.03		1495.9							
	STD	00300	09.74	35.04	27.05	00.373	1494.3							
	085	00300	09.64	35.035	27.06		1494.0							
	085	00315	09.58	35.180	27.18		1494.3							
	085	00323	09.88	35.240	27.18		1495.6							
	085	00325	09.97	35.245	27.17		1495.5							
	085	00350	09.87	35.250	27.19		1496.0							
	085	00356	09.72	35.230	27.20		1495.5							
	085	00359	09.25	35.160	27.22		1493.9							
	085	00365	09.32	35.175	27.22		1494.1							
	085	00365	08.67	35.040	27.22		1491.6							
	085	00371	08.57	35.025	27.23		1491.2							
	085	00376	08.10	34.910	27.21		1485.4							
	085	00378	08.01	34.905	27.22		1485.1							
	085	00382	08.49	35.050	27.26		1491.1							
	085	00399	08.00	35.030	27.32		1489.5							
	STD	00400	08.02	35.03	27.32	00.465	1489.6							
	085	00403	08.18	35.040	27.30		1490.3							
	085	00426	07.66	35.040	27.38		1488.7							
	085	00454	06.54	34.922	27.39		1486.2							
	085	00474	06.71	34.910	27.41		1485.6							
	085	00481	07.09	35.050	27.45		1487.4							
	085	00489	06.91	35.030	27.48		1486.8							
	085	00496	06.05	34.895	27.48		1483.3							
	STD	00500	05.53	34.87	27.48	00.545	1482.5							
	085	00502	05.85	34.855	27.48		1482.5							
	085	00515	05.61	34.640	27.50		1481.8							
	085	00521	05.28	34.830	27.51		1480.5							
	085	00523	05.23	34.830	27.53		1480.4							
	085	00529	05.77	34.903	27.53		1482.7							
	085	00534	05.84	34.855	27.51		1483.1							
	085	00540	06.46	35.040	27.54		1485.5							
	085	00555	06.63	35.103	27.57		1486.9							
	085	00565	06.63	35.103	27.57		1487.1							
	085	00576	06.45	35.050	27.55		1486.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N D D C S T A T I O N D A T A													
CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	DAYG	P34	TOT P	NO2	NO3	S103 PH
085	00500	00.43	35.340	27.55			1486.4						
085	00502	05.57	34.850	27.54			1482.6						
STD	00600	05.20	34.60	27.59		00.605	1481.5						
085	00601	05.27	34.635	27.59			1481.5						
085	00622	05.42	34.615	27.58			1482.9						
085	00632	05.82	35.030	27.62			1484.8						
085	00651	05.76	35.050	27.64			1484.9						
085	00675	05.66	35.050	27.66			1484.9						
STD	00700	05.55	35.05	27.67		00.604	1484.5						
085	00700	05.55	35.050	27.67			1484.9						
085	00725	05.51	35.020	27.65			1485.1						
085	00750	05.42	35.040	27.68			1485.2						
085	00776	05.32	35.040	27.69			1485.2						
STD	00800	05.25	35.04	27.70		00.716	1485.3						
085	00801	05.25	35.042	27.70			1485.3						
085	00826	05.16	35.050	27.72			1485.4						
085	00852	05.01	35.025	27.72			1485.2						
085	00875	04.84	35.040	27.75			1484.9						
STD	00900	04.74	35.03	27.75		00.704	1484.5						
085	00900	04.74	35.030	27.75			1484.5						
085	00925	04.62	35.015	27.75			1484.8						
085	00951	04.55	35.010	27.76			1484.9						
085	00976	04.55	35.010	27.76			1485.3						
STD	01000	04.49	35.00	27.76		00.810	1485.4						
085	01001	04.48	35.000	27.76			1485.4						
085	01002	04.47	35.005	27.76			1485.4						
085	01020	04.51	35.020	27.77			1485.9						

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 0555	YEAR 1973	BOTOP 01295	AIR TEMP 15.0	DIA HGT PER	WIND-DIR 05	INST STO RECODER	TEN SQ 1306
CONSEC 0123	MONTH 05	SHIP EV	ME7 6UL8 12.5	09 1 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 2
LAT 43 32.5N	DAY 23	DATA USE 1	BARONETA 1019.9	SEA	WIND-FDR	DURATION	2 SQUARE 28
LONG 348 40 W	HOOR 06.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER X1	DRIG 011 305	1 SQUARE 58

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIG3	PH
30.7	STO	00033	09.47	33.46	25.86	00.030	1486.5							
	085	00035	09.47	33.460	25.86		1486.5							
	085	00037	09.57	33.508	25.88		1487.0							
	085	00039	09.83	33.658	25.59		1488.3							
	STO	00013	10.14	33.89	26.08	03.020	1489.6							
	085	00011	10.88	34.330	26.30		1492.9							
	085	00015	11.98	34.710	26.35		1497.3							
	085	00019	11.16	34.450	26.37		1494.2							
	STO	00020	10.74	34.42	26.39	00.036	1492.6							
	085	00020	10.53	34.400	26.41		1491.9							
	085	00022	10.64	34.440	26.45		1492.4							
	085	00024	11.05	34.582	26.46		1494.0							
	085	00026	10.21	34.380	26.45		1490.8							
	085	00028	09.74	34.350	26.51		1489.1							
	STO	00033	09.58	34.31	26.53	03.054	1488.5							
	085	00030	09.50	34.295	26.51		1488.2							
	085	00034	08.43	34.143	26.56		1483.9							
	085	00036	07.64	34.285	26.74		1462.4							
	085	00038	11.03	35.090	26.86		1494.8							
	085	00041	11.01	35.044	26.83		1494.8							
	085	00045	11.67	35.240	26.86		1497.4							
	STO	00050	11.69	35.26	26.87	03.082	1497.5							
	085	00051	11.69	35.256	26.87		1497.6							
	085	00064	11.08	35.166	26.91		1495.5							
	085	00068	10.46	35.020	26.91		1493.2							
	085	00074	09.00	34.774	26.96		1467.6							
	STO	00075	09.22	34.81	26.96	00.111	1466.5							
	085	00076	09.27	34.817	26.95		1466.7							
	085	00076	08.66	34.694	26.95		1466.4							
	085	00081	08.51	34.688	26.97		1465.8							
	085	00085	09.12	34.664	27.01		1466.4							
	085	00085	09.62	35.000	27.04		1490.5							
	STO	00100	10.02	35.03	26.99	00.136	1492.1							
	085	00100	10.03	35.030	26.99		1492.2							
	085	00110	09.88	35.040	27.02		1491.8							
	085	00114	10.63	35.250	27.06		1494.5							
	085	00118	10.58	35.215	27.04		1494.7							
	085	00121	10.21	35.123	27.03		1493.3							
	STO	00125	09.96	35.15	27.09	00.165	1492.5							
	085	00125	09.64	35.147	27.10		1492.4							
	085	00127	09.91	35.145	27.10		1492.3							
	085	00131	09.33	35.025	27.10		1490.1							
	085	00137	09.22	35.005	27.11		1489.8							
	085	00142	08.68	34.902	27.11		1487.7							
	085	00144	08.67	34.905	27.12		1487.7							
	STO	00150	08.72	34.88	27.06	00.190	1488.0							
	085	00150	08.72	34.880	27.09		1488.0							
	085	00163	08.45	34.900	27.15		1487.2							
	085	00167	07.88	34.810	27.16		1465.0							
	085	00171	07.81	34.750	27.16		1464.7							
	085	00176	07.15	34.680	27.17		1462.2							
	085	00182	04.53	34.310	27.16		1472.7							
	085	00184	03.79	34.200	27.19		1467.9							
	085	00186	03.76	34.200	27.20		1467.8							
	085	00194	03.33	34.160	27.20		1466.2							
	085	00198	03.32	34.157	27.21		1466.1							
	STO	00200	03.33	34.13	27.21	00.238	1464.9							
	085	00205	02.56	34.107	27.23		1462.9							
	085	00207	02.51	34.115	27.24		1462.7							
	085	00211	02.54	34.127	27.25		1462.9							
	085	00220	05.01	34.480	27.28		1474.0							
	085	00226	05.09	34.520	27.29		1474.4							
	085	00230	05.24	34.530	27.30		1475.2							
	085	00237	04.58	34.445	27.30		1472.4							
	085	00249	04.82	34.455	27.32		1473.7							
	STO	00250	04.76	34.49	27.32	00.280	1473.5							
	085	00253	04.44	34.460	27.33		1472.2							
	085	00260	04.44	34.453	27.33		1472.3							
	085	00276	02.97	34.350	27.390									
	085	00281	03.24	34.340	27.36		1467.4							
	085	00287	04.76	34.535	27.37		1474.2							
	STO	00300	05.01	34.56	27.35	03.319	1475.4							
	085	00300	05.03	34.565	27.35		1475.5							
	085	00310	04.52	34.595	27.43		1473.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N D D C S T A T I O N D A T A															
CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	XY-DEPTH	SND VEL	DAYG	PCN	TOT P	NO2	NO3	SIO3	PH	
085	00327	06.61	34.905	27.42			1482.8								
085	00336	06.62	34.915	27.42			1483.0								
085	00346	05.54	34.750	27.43			1478.6								
085	00348	05.37	34.850	27.41			1477.8								
085	00354	04.64	34.850	27.46			1474.9								
085	00365	04.40	34.710	27.53			1474.2								
085	00369	04.54	34.815	27.56			1476.6								
085	00373	05.23	34.850	27.55			1477.5								
085	00376	05.33	34.850	27.54			1478.4								
085	00388	04.55	34.710	27.52			1475.2								
085	00394	04.50	34.688	27.51			1475.0								
085	00399	04.12	34.650	27.52			1473.5								
STD	00400	04.11	34.66	27.53		00.387	1473.4								
085	00401	04.05	34.688	27.55			1473.3								
085	00420	04.27	34.705	27.54			1474.6								
085	00451	04.46	34.643	27.63			1476.0								
085	00460	04.59	34.910	27.63			1478.4								
085	00475	05.21	34.89 P	27.580*											
085	00494	05.11	34.89 P	27.630											
STD	00500	05.35	35.01	27.67		00.442	1480.7								
085	00504	05.51	35.020	27.65			1481.4								
085	00521	05.69	35.030	27.64			1482.5								
085	00523	05.41	35.000	27.65			1481.3								
085	00525	05.35	34.990	27.65			1481.1								
085	00531	05.21	35.025	27.69			1480.7								
085	00534	05.42	35.050	27.69			1481.6								
085	00552	05.46	35.030	27.67			1482.0								
085	00561	05.42	35.030	27.67			1482.0								
085	00582	04.82	34.910	27.65			1479.8								
STD	00600	04.67	34.90	27.65		00.493	1479.4								
085	00601	04.66	34.895	27.65			1479.4								
085	00626	04.55	34.885	27.66			1479.5								
085	00651	04.55	34.900	27.67			1479.6								
085	00675	04.55	34.905	27.67			1480.2								
STD	00700	04.42	34.89	27.68		00.544	1480.0								
085	00700	04.42	34.850	27.68			1480.0								
085	00725	04.46	34.900	27.68			1480.6								
085	00750	04.44	34.910	27.69			1481.0								
085	00776	04.38	34.890	27.68			1481.1								
STD	00800	04.29	34.91	27.70		00.593	1481.2								
085	00803	04.27	34.907	27.71			1481.1								
085	00826	04.12	34.900	27.72			1480.9								
085	00850	04.06	34.900	27.72			1481.1								
085	00877	04.03	34.900	27.73			1481.4								
STD	00900	03.99	34.90	27.73		00.641	1481.6								
085	00900	03.99	34.900	27.73			1481.6								
085	00927	03.96	34.900	27.73			1481.9								
085	00951	03.92	34.900	27.74			1482.1								
085	00976	03.89	34.900	27.74			1482.4								
STD	01000	03.88	34.90	27.74		00.687	1482.8								
085	01001	03.88	34.900	27.74			1482.8								
085	01016	03.87	34.902	27.74			1483.0								

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A

REFID 51 8355	YEAR 1573	BJTOP 01445	AIR TEMP 11.5	OIR MGT PER	WIND-OIR 09	INST STD RECORDER	TEN SQ 1306
CONSEC 0121	MONTH 05	SHIP EV	WET BULB 09.0	12 0 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 2
LAT 43 04.54	DAY 23	DATA USE 1	BAROMETER 1020.0	SEA	WIND-FOR	URATION	2 SQUARE 26
LONG 148 59 W	MOJ 05-0	AREA 35	CLOUD 7/4	CL/7R	WEATHER X1	ORIG 011 306	1 SQUARE 38

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPTH	SNO VEL	OXYG	PJ4	TOT P	MO2	MO3	S103	PH
09.3	STO	00000	07.02	33.47	26.23									
	OBS	00005	07.02	33.470	26.23	03.000	1477.1							
	STO	00010	07.17	33.54	26.27		1477.2							
	OBS	00011	07.21	33.537	26.28	00.018	1478.0							
	OBS	00015	06.57	33.450	26.28		1478.2							
	OBS	00017	05.54	33.287	26.28		1475.6							
	OBS	00019	04.55	33.330	26.42		1471.2							
	STO	00020	04.26	33.32	26.45	00.035	1467.2							
	OBS	00020	04.07	33.513	26.46		1460.0							
	OBS	00022	03.85	33.255	26.47		1465.2							
	OBS	00024	03.00	33.513	26.47		1464.3							
	STO	00030	02.02	33.35	26.56	00.050	1463.7							
	OBS	00030	02.00	33.356	26.61		1460.1							
	OBS	00032	02.70	33.272	26.61		1460.0							
	OBS	00032	02.34	33.432	26.64		1459.6							
	STO	00050	02.44	33.44	26.71	00.078	1458.4							
	OBS	00051	02.44	33.472	26.71		1458.9							
	OBS	00053	02.75	33.527	26.74		1460.4							
	OBS	00055	02.79	33.570	26.75		1460.7							
	OBS	00057	02.18	33.665	26.82		1462.5							
	OBS	00064	02.59	33.660	26.84		1461.8							
	OBS	00066	02.16	33.780	26.92		1461.8							
	STO	00072	02.44	33.767	26.97	00.106	1460.1							
	OBS	00072	02.68	33.78	26.97		1460.6							
	OBS	00076	02.58	33.800	27.00		1459.6							
	OBS	00087	01.82	33.825	27.07		1457.3							
	OBS	00093	02.53	33.880	27.07		1459.6							
	STO	00100	02.21	33.55	27.14	00.134	1459.4							
	OBS	00100	02.20	33.960	27.15		1459.4							
	OBS	00114	02.06	33.980	27.17		1459.0							
	OBS	00118	02.30	33.590	27.16		1460.1							
	STO	00125	02.35	33.59	27.16	00.157	1460.5							
	OBS	00125	02.36	33.990	27.16		1460.5							
	STO	00150	02.85	34.15	27.24	00.179	1463.3							
	OBS	00150	02.85	34.150	27.24		1463.3							
	OBS	00156	02.83	34.220	27.24		1463.4							
	OBS	00175	03.15	34.330	27.36		1465.4							
	OBS	00177	03.16	34.330	27.36		1465.3							
	OBS	00184	02.63	34.260	27.35		1463.0							
	STO	00200	02.45	34.51	27.40	00.218	1462.6							
	OBS	00203	02.38	34.310	27.41		1462.3							
	OBS	00207	02.29	34.310	27.42		1462.0							
	OBS	00222	01.70	34.265	27.43		1459.6							
	OBS	00226	02.20	34.355	27.46		1462.0							
	OBS	00236	02.45	34.360	27.44		1463.2							
	OBS	00239	02.32	34.377	27.47		1462.8							
	OBS	00241	02.21	34.450	27.50		1464.2							
	STO	00250	02.63	34.48	27.50	00.250	1465.3							
	OBS	00251	02.55	34.478	27.50		1465.4							
	OBS	00262	02.86	34.487	27.51		1465.7							
	OBS	00281	03.24	34.540	27.52		1467.6							
	STO	00300	03.11	34.55	27.54	00.280	1467.4							
	OBS	00300	03.11	34.550	27.54		1467.4							
	OBS	00325	03.53	34.680	27.62		1468.9							
	OBS	00342	03.65	34.700	27.60		1470.8							
	OBS	00354	04.32	34.835	27.64		1473.8							
	OBS	00365	04.10	34.790	27.63		1473.0							
	OBS	00375	04.22	34.830	27.65		1473.7							
	STO	00400	04.28	34.86	27.66	00.353	1474.4							
	OBS	00401	04.25	34.90 P	27.700									
	OBS	00426	04.02	34.880	27.65		1476.3							
	OBS	00486	04.78	34.910	27.65		1477.7							
	OBS	00475	04.64	34.910	27.67		1477.2							
	STO	00500	04.02	34.92	27.68	00.381	1477.6							
	OBS	00500	04.02	34.920	27.68		1477.6							
	OBS	00527	04.60	34.910	27.67		1477.5							
	OBS	00553	04.40	34.905	27.68		1477.7							
	OBS	00584	04.58	34.920	27.68		1476.8							
	STO	00630	04.52	34.92	27.69	00.429	1478.8							
	OBS	00630	04.43	34.917	27.70		1478.5							
	OBS	00651	04.38	34.910	27.73		1475.1							
	OBS	00675	04.39	34.920	27.70		1475.5							
	STO	00700	04.38	34.92	27.70	00.477	1480.0							
	OBS	00710	04.57	34.920	27.70		1480.0							
	OBS	00727	04.34	34.920	27.71		1480.2							
	OBS	00765	04.33	34.920	27.71		1480.8							
	OBS	00776	04.28	34.920	27.71		1480.8							
	STO	00800	04.28	34.91	27.71	00.525	1481.1							
	OBS	00803	04.28	34.910	27.71		1481.2							
	OBS	00826	04.18	34.910	27.72		1481.1							
	OBS	00850	04.16	34.910	27.72		1481.5							
	OBS	00875	04.10	34.900	27.72		1481.6							
	STO	00900	04.05	34.89	27.72	00.573	1481.8							
	OBS	00900	04.05	34.890	27.72		1481.8							
	OBS	00925	04.04	34.890	27.72		1482.2							
	OBS	00951	04.03	34.850	27.72		1482.6							
	OBS	00976	04.01	34.850	27.72		1482.9							
	STO	01000	03.57	34.85	27.72	00.620	1483.1							
	OBS	01001	03.57	34.885	27.72		1483.1							
	OBS	01018	03.57	34.880	27.72		1483.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

W O O C S T A T I O N D A T A

REFID 31 8555	YEAR 1973	BOTOP 00940	AIR TEMP 08.9	DIR HGT PER	WIND-DIR 07	INST STO RECORDER	TEN SD 1306
CONSEC 3122	MONTH 05	SHIP EV	WET BULB 08.7	08 1 2	WIND-SPO 20	TRACE DIR 0	5 SQUARE 2
LAT 43 13.5M	DAY 23	DATA USE 1	BARCHMETR 1020.0	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 11 W	HOUR 10.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 307	1 SQUARE 35

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DTNOMPH	SND VEL	DTYG	PO4	TOT P	NO2	NO3	SIG3	PH
10.9	STO	00000	05.71	33.30	26.27	00.000	1471.7							
	085	00001	05.71	33.300	26.27		1471.7							
	STO	00010	05.74	33.32	26.28	00.018	1471.9							
	085	00011	05.74	33.320	26.28		1472.0							
	085	00013	00.54 P	33.450	26.830									
	085	00015	04.56	33.450	26.47 *		1465.0							
	085	00019	02.56	33.350	26.54		1463.1							
	STO	00020	03.61	33.44	26.61	00.034	1463.4							
	085	00020	03.65	33.500	26.65		1463.7							
	085	00024	03.77	33.570	26.70		1464.4							
	085	00026	04.04	33.660	26.74		1465.7							
	085	00028	04.12	33.650	26.72		1466.0							
	STO	00030	03.24	33.55	26.73	00.047	1462.2							
	085	00030	02.59	33.520	26.73		1461.1							
	085	00036	02.66	33.530	26.76		1455.7							
	085	00038	02.35	33.500	26.77		1458.4							
	085	00041	01.65	33.480	26.80		1455.3							
	085	00043	01.46	33.500	26.83		1454.5							
	085	00045	00.47	33.450	26.85		1450.0							
	085	00049	00.19	33.450	26.50		1448.9							
	STO	00050	00.02	33.47	26.85	00.072	1448.1							
	085	00051	- 0.36	33.450	26.89		1446.3							
	085	00053	- 0.61	33.450	26.94		1445.3							
	085	00057	- 0.66	33.520	26.96		1445.1							
	085	00066	00.13	33.700	27.07		1445.2							
	085	00072	00.02	33.580	27.09		1462.5							
	STO	00075	03.51	34.05	27.10	00.099	1464.8							
	085	00076	03.88	34.100	27.11		1466.4							
	085	00078	04.74	34.210	27.10		1470.2							
	085	00079	04.51	34.220	27.09		1470.9							
	085	00081	49.50 P	34.210	12.876*									
	085	00083	04.66	34.140	27.09		1470.0							
	085	00087	04.33	34.140	27.05		1468.5							
	085	00089	04.22	34.150	27.11		1468.1							
	085	00091	04.22	34.180	27.11		1469.0							
	085	00095	05.41	34.340	27.13		1473.4							
	STO	00100	05.49	34.35	27.12	00.123	1473.8							
	085	00100	05.55	34.350	27.12		1474.1							
	085	00104	05.57	34.360	27.12		1474.2							
	085	00114	06.49	34.520	27.13		1478.3							
	085	00115	06.16	34.480	27.14		1477.0							
	085	00123	05.72	34.440	27.17		1475.2							
	STO	00125	05.60	34.44	27.18	00.147	1474.8							
	085	00125	05.55	34.440	27.19		1474.6							
	085	00133	05.45	34.480	27.23		1474.4							
	085	00135	05.75	34.550	27.25		1475.7							
	085	00139	05.04	34.550	27.24		1476.1							
	085	00142	06.21	34.630	27.25		1477.8							
	STO	00150	06.36	34.67	27.26	00.165	1478.6							
	085	00150	06.37	34.670	27.27		1478.6							
	085	00175	06.41	34.690	27.28		1479.2							
	STO	00200	06.43	34.79	27.35	00.209	1479.8							
	085	00201	06.43	34.790	27.35		1479.8							
	085	00218	06.15	34.780	27.38		1479.0							
	085	00222	06.25	34.820	27.40		1479.5							
	085	00224	05.87	34.750	27.42		1478.0							
	085	00230	05.18	34.650	27.43		1475.1							
	085	00235	04.85	34.680	27.46		1474.1							
	085	00245	06.03	34.500	27.49		1479.1							
	STO	00250	06.17	34.52	27.45	00.244	1475.8							
	085	00251	06.21	34.920	27.48		1479.9							
	085	00257	05.76	34.840	27.48		1478.1							
	085	00262	05.64	34.890	27.53		1477.8							
	085	00270	05.21	34.840	27.55		1476.1							
	085	00276	04.42	34.700	27.52 *		1472.8							
	085	00283	04.20	34.670	27.52		1471.9							
	085	00285	03.73	34.610	27.53		1470.0							
	085	00297	03.64	34.620	27.54		1469.7							
	STO	00300	05.54	34.55	27.53	00.275	1469.3							
	085	00302	05.45	34.85 P	27.740									
	085	00304	03.39	34.56 C	27.52 *		1468.7							
	085	00350	03.04	34.550	27.54		1467.9							
	085	00367	03.11	34.570	27.55		1466.5							
	085	00380	03.76	34.690	27.59		1471.7							
	STO	00400	03.78	34.70	27.55	00.331	1472.1							
	085	00401	03.78	34.700	27.55		1472.1							
	085	00422	03.87	34.600	27.66		1473.0							
	085	00437	04.10	34.620	27.65		1474.2							
	085	00451	04.15	34.830	27.66		1474.7							
	STO	00500	04.22	34.65	27.70	00.362	1475.9							
	085	00502	04.22	34.850	27.70		1475.9							
	085	00550	04.22	34.650	27.69		1477.1							
	STO	00600	04.36	34.92	27.71	00.426	1476.2							
	085	00601	04.36	34.620	27.71		1476.2							
	085	00651	04.33	34.650	27.69		1478.8							
	STO	00700	04.18	34.61	27.72	00.474	1479.1							
	085	00700	04.18	34.610	27.72		1479.1							
	085	00750	04.15	34.610	27.72		1479.7							
	STO	00800	04.06	34.52	27.74	00.51	1480.2							
	085	00801	04.06	34.620	27.74		1480.2							
	085	00850	04.05	34.610	27.72		1481.0							
	085	00867	03.99	34.420	27.75		1481.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MODEC STATION DATA

REFID 31 0355	YEAR 1973	DOTDP 00810	AIR TEMP 13.5	DIR MGT PER	WIND-DIR 09	INST STO RECORDER	TEN 30 1306
CONSEC 0123	MONTH 05	SMP EV	DET 8UL8 09.0	05 1 2	WIND-SPD 10	TRACE DIR 0	5 SJJARE 2
LAT 43 15 N	DAY 23	DATA USE 1	BAROMETR 1015.9	SEA	WIND-FOR	DURATION	2 SJJARE 26
LONG 049 18 W	MOUR 12-2	AREA 05	CLOUD 1/A	CL/TR	WEATHER A1	ORIG 011 508	1 SJJARE 39

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	DAYG	P04	TOT P	NO2	NO3	SID3	PH
12.2	STO	00000	05.26	33.18	26.23	00.030	1469.7							
	085	00001	05.26	33.180	26.23		1469.7							
	STD	00010	05.17	33.17	26.23	00.018	1469.5							
	085	00011	05.16	33.170	26.23		1469.4							
	085	00013	03.26	33.110	26.38		1461.4							
	085	00015	01.74	32.980	26.40		1454.6							
	085	00016	00.17	33.040	26.54		1447.7							
	STD	00020	- 0.32	33.08	26.59	00.034	1445.5							
	085	00020	- 0.70	33.104	26.63		1443.8							
	STD	00030	- 1.27	33.17	26.70	00.048	1441.3							
	085	00050	- 1.29	33.172	26.70		1441.3							
	085	00041	- 1.42	33.266	26.78		1441.0							
	STL	00050	- 1.40	33.25	26.60	00.074	1441.2							
	085	00051	- 1.35	33.255	26.61		1441.3							
	STD	00075	- 0.96	33.46	26.93	00.104	1444.0							
	085	00076	- 0.95	33.470	26.93		1444.0							
	085	00085	- 0.93	33.540	26.95		1444.4							
	085	00089	- 0.82	33.630	27.03		1447.9							
	STD	00130	00.05	33.66	27.04	00.131	1449.3							
	085	00130	00.39	33.667	27.05		1449.5							
	085	00138	00.58	33.760	27.10		1452.0							
	085	00140	00.64	33.760	27.09		1452.3							
	085	00142	01.20	33.812	27.10		1454.5							
	085	00144	04.96	34.510	27.15		1471.8							
	085	00149	06.07	34.536	27.18		1476.7							
	085	00121	06.33	34.550	27.18		1477.8							
	STD	00125	06.44	34.56	27.17	00.155	1478.5							
	085	00125	06.46	34.557	27.16		1478.4							
	085	00144	06.57	34.570	27.16		1475.4							
	STD	00150	06.81	34.65	27.19	00.178	1480.3							
	085	00150	06.84	34.660	27.19		1480.4							
	085	00154	07.04	34.680	27.18		1481.3							
	085	00161	07.01	34.693	27.20		1481.3							
	085	00165	06.41	34.560	27.17		1478.5							
	085	00171	06.36	34.550	27.17		1478.7							
	085	00173	05.99	34.520	27.20		1477.2							
	085	00175	05.90	34.540	27.22		1476.9							
	085	00178	05.85	34.570	27.25		1476.8							
	085	00184	06.18	34.650	27.27		1478.4							
	085	00192	06.09	34.640	27.28		1478.1							
	STD	00200	06.18	34.65	27.27	00.222	1478.6							
	085	00201	06.19	34.650	27.27		1478.7							
	085	00226	06.03	34.710	27.34		1478.5							
	085	00234	05.78	34.650	27.36		1477.6							
	085	00247	05.88	34.805	27.44		1478.4							
	STD	00250	04.96	34.67	27.44	00.260	1474.5							
	085	00255	04.07	34.553	27.45		1470.7							
	085	00257	04.36	34.570	27.46		1470.8							
	085	00262	03.19	34.460	27.46		1467.0							
	085	00277	02.97	34.484	27.50		1466.4							
	STD	00300	02.93	34.47	27.49	00.250	1466.5							
	085	00300	02.93	34.473	27.49		1466.5							
	085	00325	02.89	34.493	27.51		1466.8							
	085	00327	03.15	34.550	27.53		1468.0							
	085	00329	03.20	34.560	27.54		1468.3							
	085	00331	03.03	34.680	27.59		1470.3							
	085	00350	03.94	34.693	27.57		1472.0							
	STD	00400	04.39	34.83	27.63	00.345	1474.9							
	085	00400	04.40	34.833	27.63		1474.5							
	085	00451	04.51	34.890	27.67		1476.3							
	STD	00500	04.52	34.89	27.69	00.398	1476.3							
	085	00500	04.32	34.850	27.69		1476.3							
	085	00550	04.22	34.850	27.70		1476.7							
	STD	00600	04.12	34.89	27.71	00.444	1477.1							
	085	00601	04.12	34.893	27.71		1477.1							
	085	00651	04.11	34.910	27.72		1477.9							
	STD	00700	04.06	34.91	27.73	00.485	1478.7							
	085	00700	04.09	34.915	27.73		1478.7							
	085	00750	04.06	34.920	27.74		1475.4							
	STD	00800	04.06	34.91	27.73	00.534	1480.2							
	085	00801	04.06	34.910	27.73		1480.2							
	085	00835	04.06	34.520	27.74		1480.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 4305	YEAR 1973	BOTOP 00053	AIR TEMP 36.0	DIR MGT PER	WIND-DIR 10	INST STD RECORDER	TEN 30 1306
CONSEC 0124	MONTH 05	SHIP EV	WET GULB 08.5	09 1 3	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 43 20.5N	DAY 23	DATA USE 1	BAROMETR 1019.8	SEA	WIND-FGR	DURATION	2 SQUARE 28
LONG 045 26 W	MOOR 13.8	AREA 05	CLOUD TFA	CL/7R	WEATHER X1	ORIG 011 309	1 SQUARE 39

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
13.8	STD	00000	03.71	32.90	26.17	00.000	1462.8							
085	00001	03.71	32.900	26.17			1462.8							
STD	00010	03.70	32.94	26.20	00.018		1463.0							
085	00011	03.67	32.950	26.22			1462.5							
085	00013	03.34	32.900	26.20			1461.4							
085	00015	02.82	32.840	26.20			1459.1							
085	00017	01.81	32.720	26.18			1454.6							
085	00019	- 0.13	32.940	26.47			1446.1							
STD	00020	- 0.42	33.00	26.53	00.035		1444.5							
085	00020	- 0.64	33.040	26.57			1444.0							
STD	00030	- 0.98	33.11	26.64	00.050		1442.6							
085	00030	- 1.00	33.110	26.64			1442.5							
STD	00050	- 1.30	33.16	26.70	00.077		1441.5							
085	00051	- 1.31	33.170	26.70			1441.5							
STD	00075	- 1.41	33.29	26.60	00.110		1441.6							
085	00076	- 1.42	33.290	26.60			1441.6							
085	00067	- 1.51	33.322	26.63			1441.4							
STD	00100	- 1.51	33.32	26.83	00.141		1441.6							
085	00100	- 1.51	33.320	26.83			1441.6							
STD	00125	- 1.26	33.44	26.92	00.170		1443.3							
085	00125	- 1.25	33.440	26.92			1443.4							
STD	00150	- 0.83	33.51	26.96	00.198		1445.8							
085	00150	- 0.78	33.530	26.98			1446.1							
085	00154	- 0.19	33.702	27.09			1449.2							
085	00159	01.41	33.805	27.08			1456.6							
085	00163	01.81	33.850	27.09			1458.5							
085	00167	03.15	34.000	27.10			1464.6							
085	00175	03.47	34.090	27.14			1466.3							
085	00177	03.54	34.095	27.13			1466.6							
085	00176	04.18	34.205	27.16			1469.5							
085	00180	04.26	34.230	27.17			1469.9							
085	00188	04.68	34.290	27.17			1471.8							
085	00192	04.63	34.307	27.16			1473.0							
085	00194	04.96	34.350	27.17			1473.1							
STD	00200	05.30	34.35	27.14	00.249		1474.7							
085	00201	05.31	34.350	27.15			1474.7							
085	00203	05.27	34.400	27.19			1474.7							
085	00207	05.77	34.475	27.19			1476.6							
085	00213	05.47	34.467	27.22			1475.7							
085	00224	04.44	34.320	27.22			1471.5							
085	00226	04.30	34.310	27.23			1470.9							
085	00228	03.69	34.285	27.24			1469.6							
085	00234	02.97	34.175	27.25			1465.2							
STD	00250	02.41	34.22	27.33	00.292		1463.1							
085	00251	02.38	34.220	27.34			1463.0							
085	00277	02.30	34.348	27.45			1463.3							
085	00285	02.73	34.507	27.54			1465.5							
085	00298	03.24	34.650	27.61			1468.1							
STD	00300	03.31	34.66	27.61	00.324		1468.4							
085	00300	03.36	34.667	27.61			1468.6							
085	00350	03.62	34.760	27.64			1471.5							
STD	00400	02.89	34.83	27.68	00.373		1472.7							
085	00403	02.89	34.830	27.68			1472.8							
085	00451	03.92	34.840	27.65			1473.7							
STD	00500	03.88	34.88	27.72	00.416		1474.4							
085	00502	03.88	34.880	27.72			1474.5							
085	00550	03.64	34.905	27.74			1475.5							
STD	00600	03.62	34.91	27.74	00.460		1476.3							
085	00601	03.62	34.907	27.74			1476.3							
085	00649	03.94	34.920	27.75			1477.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MODE STATION DATA

REF ID	31	8355	YEAR	1973	BOTOP	00190	AIR TEMP	10.0	DIR HGT PER	WIND-DIR	09	INST STD RECORDER	TEN SQ	1306
CONSEC		0125	MONTH	05	SHIP EV		WET BULB	09.0	09 2 2	WIND-SPD	12	TRACE DIR	5	SQUARE 2
LAT	43	22.5N	DAY	23	DATA USE	1	BAROMETER	1019.6	SEA	WIND-FOR		DURATION	2	SQUARE 26
LONG	049	31.5W	HOUR	15.1	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG 011 310	1	SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	03.97	32.94	26.18	00.000	1464.0							
15.1	OBS	00003	03.97	32.940	26.18		1464.0							
	STD	00010	03.97	32.94	26.18	00.018	1463.7							
	OBS	00011	03.95	32.940	26.19		1463.6							
	OBS	00013	02.57	32.960	26.24		1458.1							
	OBS	00015	01.50	32.600	26.24		1455.2							
	OBS	00017	01.56	32.840	26.31		1450.7							
	OBS	00019	01.05	32.840	26.33		1451.6							
	STD	00020	00.84	31.04	26.34	00.036	1450.4							
	OBS	00020	00.80	31.020	26.35		1449.4							
	OBS	00022	00.20	32.567	26.48		1447.8							
	STD	00030	- 3.08	32.56	26.45	00.054	1446.6							
	OBS	00030	- 3.05	32.560	26.49		1446.5							
	OBS	00038	- 3.22	32.580	26.51		1446.1							
	STD	00050	- 0.45	33.05	26.62	00.082	1443.6							
	OBS	00051	- 3.88	33.055	26.63		1443.4							
	STD	00075	- 1.28	33.17	26.70	00.117	1442.0							
	OBS	00076	- 1.29	33.170	26.70		1442.0							
	STD	00100	- 1.41	33.25	26.80	00.145	1442.0							
	OBS	00100	- 1.41	33.288	26.80		1442.0							
	STD	00125	- 1.43	33.32	26.82	00.180	1442.4							
	OBS	00125	- 1.43	33.318	26.85		1442.4							
	OBS	00131	- 1.45	33.315	26.82		1442.4							
	STD	00150	- 1.29	33.45	26.93	00.210	1443.6							
	OBS	00150	- 1.27	33.453	26.93		1443.7							
	OBS	00161	- 3.54	33.650	27.06		1447.6							
	OBS	00163	- 0.01	33.660	27.05		1450.1							
	OBS	00175	00.35	33.760	27.11		1452.1							
	OBS	00180	00.80	33.875	27.17		1454.7							

REF ID	31	8355	YEAR	1973	BOTOP	00064	AIR TEMP	11.8	DIR HGT PER	WIND-DIR	10	INST STD RECORDER	TEN SQ	1306
CONSEC		0126	MONTH	05	SHIP EV		WET BULB	09.2	10 2 2	WIND-SPD	12	TRACE DIR	5	SQUARE 2
LAT	43	23 N	DAY	23	DATA USE	1	BAROMETER	1019.6	SEA	WIND-FOR		DURATION	2	SQUARE 26
LONG	049	34 W	HOUR	15.7	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG 011 311	1	SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	03.51	32.83	26.13	00.000	1461.5							
15.7	OBS	00003	03.51	32.830	26.13		1461.9							
	STD	00010	03.36	32.84	26.15	00.015	1461.5							
	OBS	00011	03.34	32.837	26.15		1461.3							
	OBS	00017	03.13	32.810	26.15		1460.5							
	STD	00020	02.76	32.85	26.22	00.037	1459.0							
	OBS	00020	02.64	32.863	26.23		1458.5							
	OBS	00024	02.11	32.886	26.25		1456.3							
	STD	00030	01.59	32.87	26.33	00.055	1453.1							
	OBS	00030	01.33	32.868	26.33		1452.9							
	OBS	00036	00.75	32.530	26.42		1450.4							
	OBS	00036	00.16	32.575	26.49		1447.8							
	OBS	00040	- 0.21	32.563	26.49		1446.2							
	OBS	00045	- 0.51	33.105	26.64		1443.3							
	STD	00050	- 0.91	33.11	26.64	00.086	1443.3							
	OBS	00051	- 0.91	33.112	26.64		1443.3							
	OBS	00055	- 0.91	33.118	26.65		1443.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOCC STATION DATA

REFID 51 8355	YEAR 1973	BOTOP 00105	AIR TEMP 07.8	OIR MGT PER	WIND-DIR 09	INST STD RECORDER	TEN SQ 1536
CONSEC 0127	MONTH 05	SHIP EV	WET BULB 07.0	14 1 2	WIND-SPD 15	TRACE OIR 0	5 SQUARE 2
LAT 45 19 N	DAY 23	DATA USE 1	BAROMETR 1019.3	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 33 W	MOJR 16.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 312	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPHT	SNO VEL	OAYG	P04	TOT P	NO2	NO3	S103	PH
16.2	STO	00000	03.78	32.87	26.14	00.000	1463.1							
	OBS	00003	03.78	32.870	26.14		1463.1							
	OBS	00006	03.53	32.825	26.13		1462.1							
	STO	00010	03.42	32.82	26.14	00.019	1461.6							
	OBS	00011	03.13	32.825	26.16		1460.4							
	OBS	00013	02.61	32.841	26.20		1459.1							
	OBS	00015	01.91	32.545	26.36		1455.3							
	STO	00020	01.57	32.57	26.40	00.036	1453.9							
	OBS	00023	01.53	32.578	26.41		1453.6							
	STO	00030	00.54	32.98	26.47	00.052	1449.5							
	OBS	00030	00.46	32.575	26.47		1449.4							
	OBS	00034	- 0.04	32.590	26.51		1446.5							
	STO	00050	- 0.51	33.08	26.60	00.083	1445.1							
	OBS	00051	- 0.55	33.090	26.61		1444.5							
	STO	00075	- 1.17	33.20	26.72	00.117	1442.6							
	OBS	00076	- 1.19	33.200	26.72		1442.5							
	STO	00100	- 1.29	33.21	26.73	00.150	1442.5							
	OBS	00100	- 1.29	33.208	26.73		1442.5							
	OBS	00121	- 1.40	33.307	26.82		1442.4							
	STO	00125	- 1.38	33.33	26.83	00.182	1442.6							
	OBS	00125	- 1.35	33.337	26.84		1442.8							
	OBS	00129	- 1.00	33.457	26.92		1444.7							
	STO	00150	- 0.68	33.54	26.98	00.211	1446.6							
	OBS	00150	- 0.66	33.547	26.98		1446.7							
	OBS	00163	00.10	33.686	27.06		1450.6							

REFID 51 8355	YEAR 1973	BOTOP 00562	AIR TEMP 07.8	OIR MGT PER	WIND-DIR 09	INST STD RECORDER	TEN SQ 1536
CONSEC 0126	MONTH 05	SHIP EV	WET BULB 07.6	05 1 2	WIND-SPD 15	TRACE OIR 0	5 SQUARE 2
LAT 43 14.5N	DAY 25	DATA USE 1	BAROMETR 1018.8	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 33 W	MOJR 17.1	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 313	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPHT	SNO VEL	OAYG	P04	TOT P	NO2	NO3	S103	PH
17.1	STO	00000	04.26	32.88	26.10	00.000	1465.1							
	OBS	00003	04.26	32.885	26.10		1465.2							
	OBS	00006	04.21	32.897	26.12		1465.1							
	STO	00010	04.19	32.88	26.11	00.019	1465.0							
	OBS	00011	04.01	32.860	26.11		1464.2							
	OBS	00015	02.64	32.517	26.28		1456.5							
	STO	00020	01.97	32.98	26.38	00.037	1455.7							
	OBS	00020	01.65	32.966	26.40		1455.2							
	OBS	00024	01.35	32.995	26.44		1453.0							
	OBS	00028	00.86	32.953	26.46		1450.9							
	STO	00030	00.40	33.01	26.51	00.053	1446.8							
	OBS	00030	00.27	33.027	26.52		1448.3							
	OBS	00032	- 0.02	33.100	26.60		1447.1							
	OBS	00036	- 0.19	33.136	26.63		1446.4							
	OBS	00038	- 0.62	33.135	26.65		1444.5							
	OBS	00040	- 0.75	33.130	26.65		1443.7							
	STO	00050	- 1.04	33.19	26.71	00.082	1442.6							
	OBS	00051	- 1.07	33.157	26.72		1442.7							
	OBS	00066	- 1.40	33.180	26.71		1441.3							
	STO	00075	- 1.48	33.31	26.82	00.114	1441.3							
	OBS	00076	- 1.45	33.322	26.83		1441.3							
	OBS	00091	- 1.58	33.345	26.85		1441.1							
	STO	00100	- 1.57	33.34	26.84	00.144	1441.3							
	OBS	00100	- 1.56	33.335	26.84		1441.4							
	STO	00125	- 1.10	33.48	26.93	00.173	1443.9							
	OBS	00125	- 1.15	33.483	26.95		1443.9							
	STO	00150	- 0.55	33.49	26.95	00.201	1445.1							
	OBS	00150	- 0.55	33.490	26.95		1445.1							
	OBS	00163	- 0.82	33.550	26.99		1446.2							
	OBS	00165	- 0.52	33.545	26.98		1447.6							
	OBS	00165	00.00	33.675	27.06		1450.2							
	OBS	00172	00.30	33.686	27.05		1451.7							
	OBS	00175	00.23	33.680	27.05		1451.4							
	OBS	00164	00.66	33.845	27.16		1453.7							
	OBS	00188	01.29	33.890	27.16		1456.7							
	STO	00200	01.30	33.89	27.16	00.252	1456.9							
	OBS	00201	01.31	33.900	27.16		1457.0							
	OBS	00218	01.64	34.125	27.32		1459.1							
	OBS	00226	01.52	34.140	27.34		1458.7							
	STO	00250	01.77	34.20	27.37	00.293	1460.3							
	OBS	00251	01.79	34.204	27.37		1460.4							
	OBS	00276	02.10	34.240	27.38		1462.2							
	STO	00300	02.52	34.45	27.51	00.324	1464.8							
	OBS	00300	02.54	34.460	27.52		1464.6							
	OBS	00327	03.05	34.570	27.56		1467.8							
	OBS	00350	03.33	34.720	27.65		1469.4							
	OBS	00359	03.44	34.715	27.64		1470.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 0355	YEAR 1973	BOTOP 00443	AIR TEMP 09.2	DIR MGT PER	WIND-DIR G5	INST STO RECORDER	TEN 50 1306
CONSEC 0125	MONTH 05	SHIP EV	WET BULB 08.2	09 1 2	WIND-SPD 13	TRACE DIR 0	5 SQUARE 2
LAT 43 10 N	DAY 23	DATA USE 1	BAROMETER 1018.5	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 045 26.50	MOOR 16.3	AREA 05	CLOUD T/A	CL/TR	WEATHER 11	ORIG 011 314	1 SQUARE 35

C&STN/M/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	ORYG	PD4	TOT P	NO2	NO3	SIO3	PH
10.3	STO	00000	08.18	33.67	26.22	00.000	1481.9							
	085	00001	08.18	33.670	26.22		1481.9							
	STO	00010	08.02	33.68	26.26	00.018	1481.4							
	085	00011	07.59	33.681	26.26		1481.4							
	085	00013	08.04	33.680	26.25		1481.8							
	STO	00020	07.11	33.56	26.25	00.035	1477.9							
	085	00020	06.68	33.525	26.30		1477.0							
	085	00024	05.60	33.333	26.31		1471.7							
	STO	00030	04.88	33.45	26.45	00.052	1468.9							
	085	00030	04.82	33.460	26.50		1468.7							
	085	00034	04.43	33.482	26.56		1467.2							
	085	00038	03.20	33.412	26.62		1461.5							
	085	00040	03.54	33.530	26.69		1463.6							
	085	00041	03.56	33.560	26.71		1463.7							
	085	00042	04.26	33.656	26.71		1466.9							
	STO	00047	03.51	33.550	26.69		1463.6							
	085	00053	01.52	33.41	26.73	00.081	1450.6							
	085	00053	01.68	33.235	26.75		1451.0							
	085	00055	00.46	33.390	26.76		1450.0							
	085	00057	00.04	33.372	26.81		1448.2							
	085	00059	00.24	33.448	26.90		1444.5							
	085	00062	01.28	33.572	26.90		1454.1							
	085	00066	02.43	33.712	26.93		1455.5							
	085	00070	02.05	33.663	26.92		1457.8							
	085	00072	01.97	33.670	26.93		1457.5							
	085	00074	02.52	33.763	26.96		1460.1							
	STO	00075	02.48	33.75	26.95	00.111	1455.9							
	085	00078	02.39	33.720	26.94		1455.5							
	085	00087	02.72	33.501	27.06		1461.3							
	085	00091	03.55	33.957	27.06		1465.1							
	STO	00100	03.87	34.00	27.03	00.138	1466.6							
	085	00103	03.87	34.000	27.03		1466.6							
	085	00102	03.85	33.950	27.02		1466.6							
	085	00104	03.01	33.885	27.02		1462.9							
	STO	00125	02.51	34.00	27.15	00.163	1461.2							
	085	00125	02.50	34.002	27.15		1461.1							
	085	00140	03.28	34.165	27.22		1465.0							
	085	00146	03.79	34.240	27.23		1467.4							
	085	00146	03.52	34.240	27.21		1467.9							
	STO	00150	04.15	34.34	27.27	00.185	1465.2							
	085	00150	04.26	34.367	27.28		1469.6							
	085	00154	04.87	34.458	27.28		1472.3							
	085	00171	05.32	34.515	27.27		1474.5							
	085	00175	02.06	34.117	27.28		1460.2							
	STO	00200	01.82	34.20	27.37	00.224	1459.7							
	085	00203	01.75	34.210	27.38		1459.6							
	085	00217	01.94	34.240	27.35		1460.5							
	085	00220	02.24	34.323	27.43		1462.0							
	085	00228	02.30	34.320	27.43		1462.4							
	STO	00250	02.05	34.36	27.48	00.256	1461.5							
	085	00251	02.08	34.367	27.48		1461.9							
	085	00268	02.57	34.445	27.52		1465.5							
	085	00272	02.84	34.517	27.54		1465.7							
	085	00276	02.92	34.510	27.52		1466.1							
	085	00281	03.03	34.507	27.51		1466.9							
	STO	00300	03.32	34.56	27.53	00.286	1468.3							
	085	00302	03.35	34.578	27.53		1468.7							
	085	00325	03.64	34.700	27.61		1470.3							
	085	00344	04.01	34.730	27.59		1472.2							
	085	00350	04.01	34.730	27.55		1472.3							
	085	00375	04.15	34.850	27.67		1473.5							
	STO	00400	04.17	34.84	27.66	00.342	1473.9							
	085	00401	04.17	34.840	27.66		1474.0							
	085	00428	04.21	34.912	27.72		1474.6							
	085	00441	04.21	34.910	27.71		1474.5							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A

REFID 51	W355	YEAR 1973	BOTOP 00823	AIR TEMP 13.2	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN 50 1306
CONSEC 0230	MONTH 05	SHIP EV	WET BULB 11.0	SEA 1 1	WIND-SPD 13	TRACE DIR	0	5 SJJARE 2
LAT 43 03.5N	DAY 23	DATA USE 1	BAROMETER 1018.0	CL/TR	WIND-FDR	DURATION		2 SJJARE 28
LONG 045 25.5W	HOOR 19.3	AREA 05	CLOUD T/A		WEATHER X1	ORIG 011 315		1 SJJARE 39

CASTNOX/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
15.3	STO	00030	06.21	33.11	26.06	00.030	1473.4							
	085	00031	06.21	33.110	26.06		1473.5							
	085	00033	06.21	33.090	26.04		1473.5							
	085	00037	06.13	33.093	26.05		1473.2							
	085	00039	05.09	33.260	26.21		1472.5							
	STO	00010	05.94	33.28	26.22	00.015	1472.7							
	085	00011	06.05	33.350	26.27		1473.3							
	085	00013	06.12	33.470	26.35		1473.6							
	085	00015	05.94	33.446	26.36		1473.0							
	085	00017	05.10	33.510	26.51		1465.7							
	STO	00020	04.51	33.54	26.55	00.055	1465.0							
	085	00020	04.66	33.547	26.56		1466.6							
	STO	00030	04.40	33.66	26.70	00.050	1467.2							
	085	00030	04.35	33.670	26.71		1467.2							
	STO	00050	04.54	34.04	26.94	00.074	1470.3							
	085	00051	04.96	34.040	26.94		1470.5							
	085	00057	04.53	34.022	26.97		1468.8							
	085	00060	03.90	34.019	27.04		1466.1							
	085	00064	03.70	34.027	27.07		1465.3							
	085	00066	03.79	34.026	27.06		1465.8							
	085	00070	05.08	34.274	27.11		1471.5							
	085	00072	05.45	34.340	27.12		1473.2							
	STO	00075	05.42	34.35	27.13	00.100	1473.1							
	085	00076	05.41	34.348	27.13		1473.1							
	085	00087	05.53	34.380	27.14		1473.8							
	085	00095	04.28	34.165	27.12		1468.5							
	STO	00100	04.15	34.22	27.17	00.124	1468.1							
	085	00100	04.12	34.230	27.18		1468.0							
	085	00102	04.28	34.267	27.20		1468.7							
	085	00104	04.64	34.325	27.20		1470.5							
	085	00112	04.90	34.342	27.19		1471.6							
	085	00116	04.61	34.300	27.19		1470.4							
	STO	00125	04.76	34.35	27.21	00.146	1471.2							
	085	00125	04.79	34.363	27.22		1471.4							
	085	00131	05.22	34.450	27.27		1473.4							
	STO	00150	05.37	34.57	27.31	00.167	1474.4							
	085	00150	05.37	34.568	27.31		1474.4							
	085	00173	05.42	34.570	27.31		1475.0							
	085	00177	05.15	34.530	27.31		1473.9							
	085	00180	04.56	34.450	27.30		1473.1							
	085	00190	04.06	34.380	27.31		1469.4							
	STO	00220	03.65	34.43	27.35	00.205	1468.1							
	085	00201	03.63	34.434	27.40		1467.9							
	085	00209	03.38	34.400	27.39		1466.5							
	085	00226	03.82	34.520	27.44		1469.2							
	085	00243	04.36	34.610	27.46		1471.9							
	STO	00250	04.25	34.57	27.44	00.240	1471.6							
	085	00251	04.28	34.570	27.44		1471.6							
	085	00255	04.25	34.585	27.45		1471.5							
	085	00276	03.55	34.570	27.53		1468.1							
	085	00289	03.35	34.580	27.54		1468.5							
	085	00293	03.04	34.560	27.55		1467.0							
	STO	00300	03.18	34.58	27.55	00.271	1467.8							
	085	00300	03.27	34.580	27.55		1467.8							
	085	00325	03.66	34.725	27.62		1470.4							
	085	00350	04.15	34.830	27.66		1473.0							
	085	00375	04.38	34.850	27.65		1474.4							
	STO	00400	04.51	34.53	27.70	00.324	1475.5							
	085	00401	04.51	34.530	27.70		1475.5							
	085	00426	04.51	34.510	27.68		1475.9							
	085	00451	04.55	34.520	27.68		1476.5							
	085	00475	04.42	34.530	27.71		1476.4							
	STO	00500	04.40	34.54	27.72	00.366	1476.7							
	085	00500	04.40	34.940	27.72		1476.7							
	085	00525	04.36	34.930	27.71		1476.9							
	085	00550	04.35	34.910	27.70		1477.3							
	085	00574	04.33	34.910	27.70		1477.6							
	STO	00600	04.31	34.51	27.70	00.412	1477.9							
	085	00601	04.31	34.510	27.70		1478.0							
	085	00626	04.31	34.910	27.70		1478.4							
	085	00651	04.26	34.910	27.71		1478.6							
	085	00675	04.19	34.910	27.72		1478.7							
	STO	00700	04.15	34.91	27.72	00.457	1478.5							
	085	00700	04.15	34.910	27.72		1478.9							
	085	00725	04.13	34.940	27.75		1479.3							
	085	00751	04.12	34.940	27.75		1479.7							
	085	00776	04.08	34.940	27.75		1479.9							
	STO	00800	04.08	34.51	27.73	00.503	1480.3							
	085	00803	04.08	34.910	27.73		1480.3							
	085	00820	04.05	34.915	27.73		1480.5							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MOORE STATION DATA														
REFID 31 0355	YEAR 1973	BOATOP 01405	AIR TEMP 12.5	DIR MGT PER	WIND-DIR 43	INST STD RECORDER	TEN SD 1306							
CONSEC 0131	MONTH 05	SHIP EV	WET BULB 10.8	10 2 2	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2							
LAT 42 53.5N	DAY 25	DATA USE 1	BAROMETER 1017.3	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 049 22.5W	MOJA 21.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 316	1 SQUARE 25							
CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYG	P34	TOT P	M02	M03	S103	PH
21.1	STO	00000	06.16	32.96	25.94	00.000	1473.1							
	085	00003	06.18	32.960	25.94		1473.2							
	085	00005	06.22	32.550	25.93		1473.3							
	085	00009	05.36	32.817	25.95		1465.7							
	STO	00010	05.17	32.87	25.99	00.020	1469.0							
	085	00011	04.76	32.970	26.11		1467.6							
	085	00013	04.61	32.965	26.15		1466.5							
	085	00015	05.78	33.038	26.27		1463.5							
	STO	00020	02.56	33.22	26.45	00.038	1460.4							
	085	00020	02.84	33.240	26.52		1455.5							
	STO	00030	02.17	33.28	26.61	00.053	1457.1							
	085	00030	02.15	33.310	26.63		1457.0							
	085	00032	02.16	33.438	26.73		1457.4							
	085	00036	05.11	33.560	26.75		1461.7							
	085	00041	02.45	33.550	26.79		1459.1							
	085	00043	00.98	33.410	26.79		1452.3							
	085	00047	00.18	33.455	26.87		1446.8							
	085	00049	00.13	33.505	26.92		1448.6							
	STO	00050	00.16	33.52	26.93	00.079	1448.8							
	085	00051	00.23	33.560	26.95		1445.2							
	085	00060	00.18	33.640	27.02		1445.2							
	085	00062	01.14	33.685	27.00		1453.7							
	085	00066	01.26	33.695	27.00		1454.4							
	085	00070	01.94	33.620	27.05		1457.5							
	085	00072	02.42	33.680	27.06		1455.0							
	STO	00075	02.45	33.87	27.05	00.106	1455.9							
	085	00076	02.47	33.863	27.05		1460.0							
	085	00081	02.73	33.880	27.04		1461.3							
	085	00085	02.51	33.866	27.06		1460.4							
	085	00087	02.52	33.890	27.06		1460.5							
	085	00095	02.76	33.850	27.04		1461.6							
	085	00097	02.13	33.805	27.03		1458.8							
	STO	00100	01.72	33.78	27.04	00.152	1457.0							
	085	00100	01.65	33.775	27.04		1456.7							
	085	00106	01.75	33.890	27.12		1457.6							
	085	00108	01.41	33.650	27.10		1455.8							
	STO	00125	00.50	33.86	27.15	00.156	1453.8							
	085	00125	00.88	33.890	27.18		1453.8							
	085	00127	00.95	34.013	27.27		1454.5							
	085	00131	01.38	34.030	27.26		1456.3							
	STO	00150	01.30	34.13	27.35	00.177	1456.5							
	085	00150	01.30	34.137	27.35		1456.5							
	085	00161	01.72	34.230	27.40		1458.0							
	085	00169	02.40	34.350	27.44		1461.9							
	085	00171	02.88	34.370	27.42		1464.1							
	085	00178	03.69	34.500	27.44		1467.8							
	STO	00200	03.35	34.50	27.47	00.211	1466.9							
	085	00201	03.38	34.500	27.47		1466.9							
	085	00211	03.38	34.520	27.49		1467.1							
	085	00215	03.69	34.560	27.45		1466.5							
	085	00226	03.84	34.575	27.49		1469.3							
	STO	00250	04.04	34.68	27.55	00.241	1470.7							
	085	00251	04.35	34.680	27.55		1470.8							
	085	00276	04.39	34.725	27.55		1472.7							
	085	00285	04.55	34.760	27.58		1472.6							
	085	00285	04.55	34.620	27.61		1473.7							
	STO	00300	04.38	34.80	27.61	00.269	1473.1							
	085	00300	04.57	34.800	27.61		1473.1							
	085	00312	04.83	34.885	27.63		1475.3							
	085	00325	04.92	34.950	27.65		1475.9							
	085	00350	04.95	34.910	27.63		1476.5							
	085	00375	04.58	34.520	27.68		1475.3							
	STO	00400	04.60	34.92	27.68	00.318	1475.8							
	085	00401	04.60	34.520	27.68		1475.9							
	085	00426	04.46	34.910	27.69		1475.7							
	085	00451	04.53	34.530	27.69		1476.4							
	085	00475	04.58	34.520	27.68		1477.0							
	STO	00500	04.55	34.72	27.68	00.365	1477.3							
	085	00500	04.55	34.520	27.68		1477.3							
	085	00525	04.52	34.530	27.70		1477.6							
	085	00550	04.54	34.935	27.70		1478.1							
	085	00576	04.53	34.530	27.65		1478.5							
	STO	00600	04.55	34.53	27.69	00.413	1479.0							
	085	00601	04.55	34.530	27.69		1479.0							
	085	00626	04.51	34.930	27.70		1479.2							
	085	00651	04.42	34.520	27.70		1479.2							
	085	00677	04.57	34.930	27.71		1479.5							
	STO	00700	04.34	34.53	27.72	00.460	1479.7							
	085	00700	04.34	34.530	27.72		1479.8							
	085	00725	04.31	34.930	27.72		1480.0							
	085	00750	04.31	34.530	27.72		1480.4							
	085	00776	04.30	34.530	27.72		1480.8							
	STO	00800	04.24	34.93	27.73	00.506	1481.0							
	085	00801	04.24	34.530	27.73		1481.0							
	085	00826	04.22	34.930	27.73		1481.3							
	085	00850	04.15	34.550	27.73		1481.6							
	085	00875	04.13	34.517	27.73		1481.8							
	STO	00900	04.10	34.51	27.73	00.552	1482.0							
	085	00900	04.10	34.910	27.73		1482.0							
	085	00925	04.08	34.510	27.73		1482.4							
	085	00951	04.02	34.910	27.73		1482.6							
	085	00976	03.56	34.910	27.74		1482.7							
	STO	01000	03.54	34.94	27.77	00.598	1483.1							
	085	01001	03.54	34.940	27.77		1483.1							
	085	01020	03.92	34.940	27.77		1483.3							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REF ID	31	8355	YEAR	1973	BOAT	02107	AIR TEMP	12.0	DIR MGT PER	WIND-DIR	04	INST STO RECORDER	TEM SC	1306
CGNSEL	0132		MONTH	05	SHIP	EV	WET BULB	10.0	04 1 2	WIND-SPO	16	TRACE CIR		5 SQUARE 2
LAT	42 41 N		DAY	23	DATA USE	1	BAROMETR	1017.6	SEA			DURATION		2 SQUARE 28
LONG	049 19 W		HOOR	23.0	AREA	05	CLOUD T/A		CL/TR	WEATHER	A1	ORIG 011 317		1 SQUARE 29

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
23.0	STO	00000	06.23	32.51	25.50	00.000	1473.2							
	OBS	00000	06.23	32.510	25.50		1473.2							
	STO	00010	05.46	33.37	26.12	00.020	1470.5							
	OBS	00010	05.46	33.070	26.12		1470.5							
	STO	00020	05.52	33.33	26.53	00.037	1462.5							
	OBS	00020	05.52	33.330	26.53		1462.5							
	STO	00030	01.60	33.38	26.72	00.051	1455.0							
	OBS	00030	01.60	33.380	26.72		1455.0							
	OBS	00040	00.50	33.470	26.87		1450.1							
	STO	00050	01.01	33.53	26.85	00.077	1452.7							
	OBS	00050	01.01	33.530	26.85		1452.7							
	OBS	00055	00.36	33.560	26.56		1445.9							
	OBS	00055	00.46	33.550	26.57		1450.4							
	OBS	00065	00.22	33.630	27.01		1445.5							
	STO	00075	00.36	33.68	27.04	00.104	1450.4							
	OBS	00075	00.38	33.680	27.04		1450.4							
	OBS	00085	00.17	33.670	27.05		1445.6							
	STO	00100	00.35	33.75	27.10	00.125	1451.0							
	OBS	00100	00.39	33.750	27.10		1451.0							
	OBS	00115	01.15	33.835	27.12		1455.0							
	OBS	00120	01.31	33.885	27.15		1455.6							
	STO	00125	01.22	33.86	27.14	00.153	1455.3							
	OBS	00125	01.22	33.865	27.14		1455.3							
	OBS	00140	01.51	34.020	27.26		1456.2							
	STO	00150	01.42	34.06	27.28	00.175	1456.9							
	OBS	00150	01.42	34.060	27.28		1456.9							
	OBS	00180	01.08	34.220	27.44		1456.1							
	STO	00200	02.16	34.38	27.48	00.210	1461.4							
	OBS	00200	02.16	34.380	27.48		1461.4							
	OBS	00218	02.53	34.400	27.47		1463.3							
	OBS	00230	02.57	34.560	27.59		1463.5							
	STO	00250	03.46	34.65	27.58	00.235	1468.2							
	OBS	00250	03.46	34.650	27.58		1468.2							
	STO	00300	04.66	34.81	27.59	00.266	1474.3							
	OBS	00300	04.66	34.810	27.59		1474.3							
	OBS	00316	04.70	34.820	27.59		1474.7							
	OBS	00332	04.67	34.850	27.62		1474.9							
	OBS	00365	04.64	34.500	27.64		1476.2							
	STO	00400	04.52	34.93	27.70	00.316	1475.5							
	OBS	00400	04.52	34.930	27.70		1475.5							
	OBS	00417	05.00	34.980	27.68		1477.9							
	STO	00500	04.56	34.55	27.65	00.362	1479.1							
	OBS	00500	04.56	34.590	27.65		1475.1							
	STO	00600	04.73	35.01	27.74	00.407	1479.8							
	OBS	00600	04.73	35.010	27.74		1479.8							
	STO	00700	04.45	34.59	27.75	00.451	1480.4							
	OBS	00700	04.45	34.990	27.75		1480.4							
	STO	00800	04.26	34.97	27.76	00.494	1481.1							
	OBS	00800	04.26	34.970	27.76		1481.1							
	STO	00900	04.21	34.57	27.77	00.538	1482.6							
	OBS	00900	04.21	34.975	27.77		1482.6							
	STO	01000	04.05	34.55	27.77	00.581	1483.6							
	OBS	01000	04.05	34.555	27.77		1483.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MOOC STATION DATA

REFID 31 8355	YEAR 1973	6JTOP 02897	AIR TEMP 11.7	DIR MGT PER	WIND-DIR 11	INST STD RECORDER	TEN SJ 1306
CONSEC 3133	MONTH 05	SHIP EV	WET BULB 10.2	11 0 2	WIND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 42 23 N	DAY 24	DATA USE 1	BAROMETR 1016.7	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 149 11.5W	HOOR 02.4	AREA 05	CLOUD 1/A	CL/TR	WEATHER X1	DRIG 011 316	1 SQUARE 29

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OVNPTH	SNO VEL	OXYG	PC4	TOT P	MO2	MO3	SIO3	PH
02.4	STD	0000J	06.15	32.78	25.81	00.00J	1472.8							
	OBS	0000J	06.15	32.785	25.81		1472.8							
	OBS	00007	06.07	32.764	25.80		1472.5							
	OBS	00009	04.91	32.587	25.80		1467.6							
	STD	00010	04.51	32.64	25.88	00.022	1466.0							
	OBS	00011	03.51	32.764	26.08		1462.0							
	STD	00020	01.88	33.09	26.48	00.040	1455.4							
	OBS	00020	01.78	33.117	26.50		1455.1							
	OBS	00026	01.51	33.208	26.60		1454.1							
	STD	00030	00.55	33.18	26.63	00.055	1449.8							
	OBS	00032	00.10	33.155	26.64		1447.7							
	OBS	00034	- 0.13	33.277	26.74		1446.9							
	OBS	00036	00.55	33.412	26.79		1452.0							
	OBS	00041	- 1.01	33.304	26.80		1442.5							
	OBS	00043	- 1.09	33.330	26.82		1442.6							
	STD	00050	- 0.74	33.36	26.84	00.081	1444.4							
	OBS	00051	- 0.86	33.380	26.85		1444.8							
	OBS	00053	- 0.78	33.407	26.88		1444.4							
	OBS	00055	- 0.50	33.463	26.91		1445.8							
	OBS	00060	- 0.09	33.550	26.96		1447.9							
	OBS	00066	01.52	33.708	26.99		1455.5							
	OBS	00070	01.74	33.745	27.01		1456.6							
	STD	00075	02.74	33.65	27.01	00.110	1461.1							
	OBS	00076	03.15	33.850	27.01		1463.0							
	OBS	00085	03.40	33.937	27.02		1464.3							
	OBS	00091	07.53	33.880	27.02		1462.3							
	STD	00103	07.58	33.54	27.08	00.136	1460.9							
	OBS	00100	02.54	33.923	27.10		1460.8							
	OBS	00102	02.75	33.680	27.12		1461.8							
	OBS	00106	02.31	33.921	27.11		1455.5							
	OBS	00110	02.47	34.000	27.16		1460.8							
	OBS	00112	01.95	33.527	27.14		1458.4							
	OBS	00116	02.03	33.940	27.14		1458.9							
	OBS	00121	02.87	34.053	27.16		1462.4							
	STD	00125	02.80	34.02	27.14	00.160	1462.5							
	OBS	00125	02.79	34.010	27.14		1462.4							
	OBS	00127	02.77	34.030	27.15		1462.4							
	OBS	00131	02.40	34.007	27.11		1460.8							
	OBS	00133	02.25	33.980	27.16		1460.2							
	OBS	00135	01.63	34.030	27.24		1457.6							
	OBS	00140	03.35	34.170	27.21 *		1460.3							
	OBS	00146	03.68	34.228	27.23		1466.9							
	STD	00150	03.46	34.17	27.20 *	00.183	1465.9							
	OBS	00150	03.39	34.170	27.21		1465.0							
	OBS	00152	02.93	34.163	27.25		1463.1							
	OBS	00154	02.75	34.125	27.23		1463.0							
	OBS	00156	02.88	34.130	27.22		1463.5							
	OBS	00161	02.30	34.062	27.22		1461.0							
	OBS	00175	02.36	34.160	27.29		1461.6							
	OBS	00177	01.81	34.080	27.27		1459.1							
	OBS	00182	02.73	34.240	27.32		1463.4							
	OBS	00192	03.08	34.302	27.34		1465.2							
	STD	00200	03.04	34.30	27.35	00.224	1465.1							
	OBS	00203	03.02	34.293	27.34		1465.1							
	OBS	00215	02.58	34.235	27.33		1463.3							
	OBS	00217	02.61	34.235	27.33		1463.5							
	OBS	00222	03.69	34.370	27.34		1468.4							
	OBS	00224	03.71	34.375	27.34		1468.5							
	OBS	00232	04.51	34.500	27.36		1472.1							
	STD	00250	04.08	34.49	27.39	00.260	1470.6							
	OBS	00251	04.00	34.485	27.40		1470.3							
	OBS	00253	03.87	34.480	27.41		1469.8							
	OBS	00262	03.17	34.370	27.39		1466.8							
	OBS	00264	03.18	34.380	27.40		1466.8							
	OBS	00270	03.88	34.500	27.42		1470.1							
	OBS	00272	03.79	34.503	27.43		1469.8							
	OBS	00274	04.14	34.580	27.46		1471.5							
	OBS	00281	04.26	34.580	27.45		1472.0							
	OBS	00291	04.26	34.550	27.45		1472.2							
	STD	00300	04.22	34.56	27.45	00.295	1472.2							
	OBS	00308	04.13	34.575	27.45		1471.9							
	OBS	00316	04.00	34.630	27.51		1471.6							
	OBS	00319	03.79	34.590	27.50		1470.7							
	OBS	00323	03.79	34.570	27.49		1470.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O C S T A T I O N D A T A														
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
	085	00325	05.56	34.680	27.56		1471.6							
	085	00350	05.57	34.700	27.57		1472.1							
	085	00362	04.14	34.710	27.56		1473.4							
	085	00395	04.01	34.770	27.62		1473.1							
	STO	00400	04.30	34.61	27.63	00.354	1474.5							
	085	00431	04.40	34.825	27.63		1474.9							
	085	00426	04.58	34.830	27.61		1476.1							
	085	00426	04.24	34.810	27.63		1474.7							
	085	00451	04.30	34.857	27.66		1475.4							
	085	00464	04.19	34.840	27.66		1475.1							
	085	00474	04.64	34.915	27.67		1477.2							
	085	00475	04.67	34.910	27.66		1477.4							
	085	00477	04.67	34.910	27.66		1477.4							
	085	00483	04.44	34.885	27.67		1476.5							
	STO	00500	04.35	34.91	27.68	00.404	1477.2							
	085	00504	04.56	34.913	27.68		1477.4							
	085	00525	04.71	34.920	27.67		1476.4							
	085	00550	04.71	34.930	27.67		1478.8							
	085	00576	04.83	34.970	27.69		1475.6							
	STO	00600	04.90	34.96	27.65	00.452	1480.4							
	085	00631	04.50	34.960	27.69		1480.5							
	085	00626	04.76	34.960	27.69		1480.3							
	085	00651	04.70	34.950	27.69		1480.4							
	085	00675	04.67	34.960	27.70		1480.7							
	STO	00700	04.62	34.95	27.70	00.500	1480.5							
	085	00700	04.62	34.950	27.70		1480.9							
	085	00725	04.58	34.953	27.71		1481.2							
	085	00750	04.52	34.950	27.71		1481.3							
	085	00776	04.45	34.940	27.71		1481.5							
	STO	00800	04.40	34.94	27.72	00.548	1481.7							
	085	00801	04.40	34.940	27.72		1481.7							
	085	00826	04.40	34.940	27.72		1482.1							
	085	00850	04.36	34.940	27.72		1482.3							
	085	00875	04.23	34.940	27.72		1482.6							
	STO	00900	04.30	34.94	27.72	00.555	1482.9							
	085	00900	04.30	34.935	27.72		1482.9							
	085	00925	04.30	34.940	27.73		1483.5							
	085	00953	04.24	34.930	27.73		1483.5							
	085	00976	04.25	34.935	27.73		1483.9							
	STO	01000	04.16	34.93	27.73	00.642	1484.1							
	085	01001	04.19	34.930	27.73		1484.1							
	085	01016	04.15	34.940	27.74		1484.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MOO C STATION DATA

REFID 31	MESS	YEAR 1973	NOTOP 03171	AIR TEMP 11.5	OIR HGT PER	WIND-OIR 09	INST STO RECOROER	TEN SQ 1306
CONSEC 0134	MOYTH 05	SHIP EV	WET BULB 10.5	09 0 2	WIND-SPO 16	TRACE OIR	5 SWJARE 2	
LAT 42 00.5N	DAY 24	DATA USE 1	BAROMETR 1016.3	SEA	WIND-FOR	DURATION	2 SQJARE 28	
LONG 049 03.5W	MOUR 05.4	AREA 05	CLOUD T/4	CL/TR	WEATHER X5	ORIG 011 315	1 SQJARE 29	

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OAYG	P04	TOT P	N02	N03	S103	PH
05.4	STD	00000	08.03	32.43	25.28	00.000	1475.7							
	085	00001	08.03	32.430	25.28		1475.7							
	085	00006	07.98	32.436	25.29		1479.7							
	STD	00010	07.50	32.37	25.25	00.027	1475.3							
	085	00011	07.66	32.360	25.27		1476.4							
	085	00013	06.05	32.707	25.76		1472.5							
	085	00015	04.43	32.645	26.05		1466.0							
	STD	00020	03.48	32.89	26.18	00.050	1462.1							
	085	00020	03.29	32.905	26.21		1461.4							
	085	00024	02.45	32.975	26.34		1457.9							
	085	00030	02.10	32.956	26.35		1456.4							
	STD	00030	01.76	32.94	26.36	00.068	1454.9							
	085	00030	01.64	32.936	26.37		1454.3							
	085	00032	01.18	32.975	26.43		1452.4							
	085	00036	00.91	33.052	26.54		1451.4							
	085	00040	01.04	33.115	26.55		1452.1							
	085	00043	- 0.20	33.127	26.63		1446.5							
	085	00045	- 0.42	33.145	26.65		1445.5							
	085	00047	- 0.41	33.155	26.69		1445.7							
	085	00049	- 0.15	33.195	26.68		1447.0							
	STD	00050	- 0.28	33.20	26.68	00.098	1446.4							
	085	00053	- 1.03	33.197	26.72		1442.9							
	STD	00075	- 0.56	33.34	26.83	00.130	1443.8							
	085	00076	- 0.56	33.345	26.83		1443.8							
	STD	00100	- 0.95	33.48	26.94	00.160	1444.4							
	085	00100	- 0.95	33.485	26.95		1444.5							
	085	00114	- 0.50	33.537	26.97		1446.6							
	085	00116	- 0.45	33.540	26.97		1447.1							
	085	00118	- 0.19	33.550	26.97		1448.4							
	085	00121	- 0.37	33.550	26.98		1447.6							
	STD	00125	- 0.28	33.55	26.97	00.187	1448.0							
	085	00125	- 0.28	33.545	26.97		1448.1							
	085	00127	- 0.30	33.520	26.95		1448.0							
	085	00129	- 0.54	33.543	26.98		1446.9							
	085	00133	- 0.34	33.625	27.03		1448.0							
	085	00135	00.07	33.680	27.06		1450.0							
	STD	00150	- 0.04	33.68	27.06	00.213	1449.8							
	085	00150	- 0.04	33.680	27.06		1449.8							
	085	00156	00.17	33.712	27.08		1450.6							
	085	00171	00.80	33.900	27.20		1454.2							
	085	00173	01.48	33.990	27.22		1457.4							
	085	00175	01.98	34.020	27.21		1459.7							
	085	00178	02.72	34.144	27.25		1463.2							
	085	00182	03.54	34.230	27.24		1466.9							
	085	00186	03.75	34.248	27.24		1467.9							
	085	00190	04.39	34.330	27.23		1470.7							
	085	00194	04.40	34.320	27.23		1470.8							
	STD	00200	04.58	34.34	27.22	00.260	1471.7							
	085	00203	04.60	34.350	27.23		1471.8							
	085	00205	04.58	34.383	27.26		1471.8							
	085	00215	05.94	34.580	27.25		1477.8							
	085	00218	06.00	34.650	27.30		1478.2							
	085	00220	06.28	34.720	27.32		1475.5							
	085	00224	06.33	34.685	27.28		1479.7							
	085	00232	05.91	34.610	27.28		1478.0							
	STD	00250	05.66	34.58	27.29	00.303	1477.5							
	085	00251	05.64	34.580	27.29		1477.2							
	085	00258	05.53	34.580	27.30		1476.9							
	085	00262	04.51	34.477	27.34		1472.6							
	085	00268	04.22	34.475	27.37		1471.5							
	085	00272	04.20	34.452	27.38		1471.5							
	085	00277	04.39	34.510	27.36		1473.2							
	085	00281	04.48	34.510	27.37		1472.8							
	085	00283	04.10	34.460	27.37		1471.2							
	085	00287	03.88	34.480	27.41		1470.4							
	STD	00300	04.37	34.56	27.42	00.341	1472.7							
	085	00300	04.40	34.570	27.42		1472.9							
	085	00310	04.65	34.693	27.47		1475.1							
	085	00314	04.67	34.690	27.47		1475.2							
	085	00317	05.29	34.731	27.45		1477.1							
	085	00327	04.44	34.700	27.47		1477.8							
	085	00340	04.90	34.715	27.46		1475.8							
	085	00350	03.48	34.510	27.47		1465.8							
	085	00354	03.10	34.535	27.53		1468.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A														
CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	ST03	Ph
065	0035c	03.21	34.535	27.52			1460.7							
065	0050c	03.52	34.580	27.52			1470.2							
065	00571	04.06	34.708	27.57			1472.8							
065	00575	04.15	34.720	27.57			1473.3							
ST0	00400	03.88	34.71	27.59		00.403	1472.5							
065	00403	03.84	34.713	27.60			1472.4							
065	00426	04.36	34.840	27.64			1475.2							
065	00445	04.53	34.870	27.65			1476.3							
065	00453	04.76	34.910	27.65			1477.4							
065	00475	04.58	34.910	27.67			1477.0							
ST0	00500	04.79	34.92	27.66		00.455	1478.3							
065	00500	04.79	34.925	27.66			1478.3							
065	00534	05.01	34.957	27.66			1479.8							
065	00550	04.53	34.930	27.65			1479.7							
065	00576	05.01	34.950	27.66			1480.5							
ST0	00600	05.01	34.96	27.66		00.506	1480.6							
065	00601	05.01	34.960	27.66			1480.6							
065	00626	04.52	34.950	27.67			1480.5							
065	00651	04.85	34.950	27.67			1481.2							
065	00675	04.80	34.953	27.68			1481.3							
ST0	00700	04.78	34.95	27.68		00.556	1481.6							
065	00700	04.78	34.950	27.68			1481.6							
065	00725	04.71	34.948	27.69			1481.7							
065	00750	04.67	34.950	27.69			1482.0							
065	00776	04.62	34.945	27.70			1482.2							
ST0	00800	04.60	34.95	27.70		00.606	1482.5							
065	00801	04.60	34.950	27.70			1482.5							
065	00826	04.55	34.940	27.70			1482.7							
065	00850	04.48	34.935	27.70			1482.8							
065	00875	04.49	34.940	27.71			1483.3							
ST0	00900	04.43	34.93	27.71		00.655	1483.4							
065	00900	04.43	34.930	27.71			1483.4							
065	00925	04.35	34.930	27.71			1483.7							
065	00951	04.32	34.935	27.72			1483.9							
065	00976	04.30	34.940	27.73			1484.2							
ST0	01000	04.26	34.93	27.72		00.704	1484.4							
065	01001	04.26	34.930	27.72			1484.4							
065	0101c	04.23	34.923	27.72			1484.5							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31	8:55	YEAR 1973	BOTOP 03224	AIR TEMP 16.8	OIR HGT PER	WIND-OIR 14	INST STO RECORDER	TEN 50 1504
CONSEC 0135	MONTH 05	SHIP EV	WET GULB 14.0	15 1 2	WIND-SPD 11	TRACE DIR	0	5 SQUARE 06
LAT 41 30.5N	DAY 24	DATA USE 1	BAROMETR 1017.2	SEA	WIND-FOR	DURATION		2 SQUARE 02
LONG 048 49 W	MOOR 05:7	AREA 05	CLOUD T/A	CL/T/R	WEATHER X2	ORIG 011 320		1 SQUARE 16

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	IOD P.	NO2	NO3	SIO3	PM
09.7	STO	00000	16.15	35.74	26.30	00.000	1511.9							
	085	00001	16.15	35.740	26.30		1511.9							
	STO	00010	16.16	35.74	26.30	00.017	1512.1							
	085	00011	16.16	35.740	26.30		1512.1							
	STO	00020	16.17	35.74	26.30	00.035	1512.3							
	085	00020	16.17	35.745	26.30		1512.3							
	STO	00030	15.81	35.76	26.36	00.052	1511.3							
	085	00030	15.77	35.757	26.40		1511.2							
	085	00036	15.22	35.740	26.51		1509.6							
	085	00036	14.85	35.774	26.62		1508.5							
	085	00043	14.44	35.745	26.69		1507.2							
	STO	00050	14.20	35.71	26.72	00.082	1506.5							
	085	00051	14.15	35.710	26.72		1506.4							
	STO	00075	13.91	35.74	26.80	00.115	1506.0							
	085	00076	13.90	35.742	26.80		1506.0							
	STO	00100	13.75	35.72	26.82	00.147	1505.9							
	085	00102	13.73	35.720	26.82		1505.9							
	STO	00125	13.64	35.71	26.85	00.178	1505.9							
	085	00125	13.63	35.710	26.85		1505.9							
	085	00129	13.56	35.700	26.84		1505.7							
	STO	00150	13.40	35.62	26.85	00.210	1504.8							
	085	00150	13.19	35.620	26.85		1504.7							
	085	00175	12.62	35.530	26.90		1503.1							
	STO	00200	12.38	35.54	26.95	00.270	1502.7							
	085	00201	12.36	35.547	26.96		1502.7							
	085	00211	12.53	35.600	26.97		1503.5							
	085	00226	12.05	35.520	26.99		1502.1							
	085	00239	11.93	35.510	27.02		1501.8							
	STO	00250	11.57	35.40	27.00	00.327	1500.6							
	085	00251	11.53	35.390	27.00		1500.5							
	085	00276	10.94	35.400	27.12		1498.8							
	085	00289	10.67	35.363	27.14		1498.0							
	085	00295	10.38	35.270	27.12		1496.9							
	STO	00300	10.25	35.26	27.12	00.381	1496.7							
	085	00300	10.25	35.260	27.13		1496.7							
	085	00302	09.74	35.267	27.22		1495.3							
	085	00350	09.16	35.200	27.27		1493.3							
	085	00375	08.70	35.160	27.31		1491.6							
	085	00380	08.58	35.160	27.33		1491.6							
	085	00388	08.25	35.065	27.31		1490.3							
	085	00394	08.04	35.060	27.33		1489.6							
	STO	00400	07.45	34.96	27.34	00.473	1487.5							
	085	00401	07.36	34.930	27.33		1487.0							
	085	00403	07.32	34.900	27.32		1486.8							
	085	00426	06.48	34.810	27.36		1483.8							
	085	00432	06.37	34.800	27.37		1483.4							
	085	00443	07.04	34.910	27.36		1486.4							
	085	00453	06.88	34.927	27.40		1485.9							
	085	00472	06.55	34.950	27.44		1485.1							
	085	00477	06.68	34.997	27.45		1486.4							
	085	00481	07.04	35.047	27.47		1487.2							
	085	00493	06.73	35.025	27.50		1486.1							
	STO	00500	06.18	34.92	27.48	00.547	1483.9							
	085	00500	06.17	34.915	27.48		1483.9							
	085	00504	06.21	34.927	27.49		1484.1							
	085	00515	06.43	34.940	27.47		1485.2							
	085	00525	06.05	34.917	27.50		1483.8							
	085	00552	05.93	35.015	27.59		1483.6							
	085	00573	05.79	35.020	27.62		1483.7							
	085	00590	05.21	34.940	27.62		1481.5							
	STO	00600	05.20	34.93	27.62	00.609	1481.6							
	085	00601	05.19	34.930	27.62		1481.6							
	085	00626	04.90	34.915	27.64		1480.8							
	085	00651	04.69	34.920	27.65		1481.2							
	085	00675	04.59	34.930	27.64		1482.0							
	STO	00700	04.54	34.93	27.65	00.663	1482.2							
	085	00700	04.54	34.930	27.65		1482.2							
	085	00725	04.72	34.920	27.67		1481.7							
	085	00750	04.22	34.910	27.71		1480.0							
	085	00763	04.12	34.910	27.72		1479.8							
	085	00778	04.15	34.910	27.72		1480.2							
	STO	00800	04.17	34.92	27.73	00.713	1480.7							
	085	00801	04.17	34.920	27.73		1480.7							
	085	00826	04.28	34.910	27.71		1481.5							
	085	00853	04.20	34.917	27.72		1481.8							
	085	00875	04.35	34.920	27.71		1482.7							
	STO	00900	04.51	34.95	27.72	00.760	1483.8							
	085	00900	04.51	34.955	27.72		1483.8							
	085	00925	04.60	34.940	27.69		1484.6							
	085	00951	04.55	34.940	27.70		1484.6							
	085	00976	04.45	34.940	27.71		1484.8							
	STO	01000	04.35	34.92	27.71	00.805	1484.7							
	085	01001	04.35	34.920	27.71		1484.7							
	085	01016	04.35	34.930	27.71		1485.0							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFID 31 8350	YEAR 1973	BOTOP 03725	AIR TEMP 22.4	DIR MGT PER	WIND-DIR 25	INST STO RECORDER	TEN SD 1307
CONSEC 0130	MONTH 05	SHIP EV	WET BULB 19.2	11 5 3	WIND-SPO 02	TRACE DIR 0	5 SQUARE 1
LAT 41 26 N	DAY 24	DATA USE 1	BAROMETER 1016.3	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 19 W	MOJA 17.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 521	1 SQUARE 10

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
17.1	STO	00000	16.19	35.80	25.86	00.000	1518.3							
	085	00001	16.19	35.80	25.86		1518.3							
	STO	00010	16.00	35.83	25.83	00.021	1517.6							
	085	00011	17.56	35.840	25.94		1517.6							
	085	00012	17.61	35.830	25.95		1517.4							
	STO	00020	17.44	35.72	25.98	00.042	1516.3							
	085	00022	17.77	35.657	26.30		1515.6							
	STO	00030	16.54	35.65	26.08		1514.7							
	085	00033	16.89	35.650	26.09	00.062	1514.6							
	085	00034	16.41	35.490	26.20		1513.2							
	085	00036	16.31	35.665	26.20		1512.5							
	085	00038	15.71	35.430	26.32		1511.0							
	085	00040	15.20	35.502	26.33		1509.3							
	085	00041	14.75	35.380	26.33		1507.5							
	085	00042	14.44	35.550	26.52		1507.2							
	085	00044	14.74	35.652	26.55		1508.2							
	STO	00050	14.67	35.63	26.55	00.096	1507.9							
	085	00051	14.52	35.400	26.56		1507.4							
	085	00055	14.47	35.650	26.61		1507.4							
	STO	00075	14.53	35.77	26.65	00.130	1506.1							
	085	00076	14.53	35.782	26.69		1506.0							
	085	00087	14.41	35.860	26.78		1506.0							
	STO	00100	14.62	35.64	26.80	00.166	1505.0							
	085	00100	14.63	35.640	26.80		1505.0							
	085	00110	14.74	35.638	26.77		1505.5							
	085	00119	14.06	35.730	26.76		1507.2							
	STO	00125	14.01	35.73	26.77	00.195	1507.2							
	085	00133	13.51	35.710	26.77		1506.4							
	STO	00150	13.60	35.60	26.75	00.232	1506.1							
	085	00152	13.57	35.590	26.75		1506.0							
	085	00175	13.44	35.597	26.78		1505.9							
	085	00178	13.40	35.590	26.79		1505.9							
	085	00186	13.89	35.733	26.79		1507.8							
	085	00199	13.91	35.785	26.83		1508.1							
	STO	00200	13.90	35.78	26.83	00.258	1508.1							
	085	00203	13.52	35.700	26.85		1508.8							
	085	00226	13.39	35.700	26.87		1508.8							
	085	00228	13.18	35.610	26.85		1508.0							
	STO	00250	12.65	35.53	26.89	00.361	1504.5							
	085	00251	12.64	35.530	26.89		1504.4							
	085	00276	12.73	35.610	26.94		1505.2							
	STO	00300	12.56	35.61	26.97	00.421	1505.1							
	085	00300	12.54	35.600	26.97		1505.0							
	085	00302	12.50	35.580	26.96		1504.9							
	085	00325	11.84	35.505	27.03		1502.9							
	085	00331	11.73	35.465	27.02		1502.6							
	085	00338	11.90	35.535	27.04		1503.4							
	085	00350	11.50	35.500	27.09		1502.1							
	085	00375	10.70	35.350	27.12		1495.5							
	085	00384	10.11	35.253	27.15		1497.6							
	STO	00400	09.99	35.25	27.17	00.530	1497.2							
	085	00401	09.96	35.250	27.17		1497.2							
	085	00426	09.59	35.245	27.23		1496.2							
	085	00454	08.97	35.170	27.28		1494.2							
	085	00475	08.35	35.120	27.33		1492.2							
	STO	00500	08.03	35.05	27.33	00.622	1491.3							
	085	00502	07.95	35.050	27.33		1491.2							
	085	00527	07.45	35.037	27.40		1489.5							
	085	00550	07.18	35.040	27.45		1488.9							
	085	00576	07.05	35.140	27.54		1488.9							
	STO	00600	06.86	35.13	27.57	00.696	1488.5							
	085	00612	06.65	35.100	27.57		1487.9							
	085	00626	06.36	35.040	27.56		1486.9							
	085	00651	05.77	35.026	27.62		1484.9							
	085	00668	05.56	35.010	27.64		1484.3							
	085	00675	05.03	34.920	27.63		1482.2							
	STO	00700	05.08	34.91	27.62	00.755	1482.8							
	085	00700	05.08	34.910	27.62		1482.8							
	085	00725	04.65	34.912	27.66		1481.6							
	085	00750	04.12	34.840	27.67		1475.5							
	085	00767	04.11	34.825	27.66		1475.7							
	085	00776	03.57	34.848	27.65		1475.3							
	STO	00800	04.08	34.85	27.68	00.805	1480.2							
	085	00801	04.08	34.850	27.68		1480.2							
	085	00826	04.08	34.860	27.69		1480.6							
	085	00850	04.00	34.846	27.69		1480.7							
	085	00860	03.94	34.840	27.65		1480.6							
	085	00875	03.99	34.850	27.69		1481.1							
	STO	00900	04.03	34.90	27.72	00.857	1481.7							
	085	00900	04.03	34.897	27.72		1481.7							
	085	00925	04.06	34.906	27.73		1482.3							
	085	00951	04.05	34.930	27.72		1482.7							
	085	00976	04.08	34.910	27.73		1483.2							
	STO	01000	04.05	34.91	27.73	00.905	1483.5							
	085	01001	04.05	34.905	27.73		1483.5							
	085	01014	04.05	34.910	27.73		1483.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N D O C S T A T I O N O A T A

REFID 01 0355	YEAR 1973	BOTOP 03545	AIR TEMP 11.8	OIR MGT PER	WIND-OIR 13	INST STO RECORDER	TEN 50 1307
CONSEC 0137	MONTH 05	SHIP EV	MET GULB 11.6	08 2 3	WIND-SPD 10	TRACE OIR 0	5 SQUARE 1
LAT 42 02 N	DAY 24	DATA USE 1	BAROMETER 1016.7	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 17.5W	HOOR 22.2	AREA 05	CLOUD T/A	CL/T/A	WEATHER 84	ORIG 011 322	1 SQUARE 20

CASSTNR/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTM	SND VEL	DAYG	P04	TOT P	NO2	NO3	S133	PH
21.2	STO	00000	07.90	32.43	25.29	00.030	1479.2							
	085	00001	07.90	32.429	25.29		1479.2							
	085	00007	07.72	32.465	25.33		1478.7							
	STO	00010	08.37	33.19	25.82	00.024	1482.2							
	035	00011	08.82	33.450	25.95		1484.2							
	085	00013	09.50	33.615	25.97		1487.0							
	085	00019	05.87	33.860	26.10		1488.8							
	STO	00020	09.52	33.82	26.13	00.045	1487.4							
	085	00020	06.29	33.800	26.15		1488.6							
	085	00024	09.26	33.967	26.29		1488.8							
	STO	00030	07.62	33.62	26.27	00.063	1480.1							
	085	00030	07.49	33.607	26.26		1479.6							
	085	00032	07.35	33.600	26.33		1477.9							
	085	00034	05.94	33.420	26.33		1473.3							
	085	00036	05.41	33.517	26.48		1471.3							
	085	00038	05.36	33.487	26.46		1471.1							
	085	00040	02.88	33.140	26.44		1460.2							
	085	00043	02.03	33.087	26.46		1458.5							
	085	00047	01.56	33.223	26.60		1454.7							
	STO	00050	01.60	33.21	26.55	00.095	1454.8							
	085	00051	01.62	33.200	26.58		1455.0							
	085	00053	01.47	33.195	26.59		1454.3							
	085	00055	01.06	33.135	26.57		1452.4							
	085	00059	00.23	33.155	26.63		1448.8							
	085	00060	00.32	33.130	26.62		1447.8							
	085	00064	- 0.09	35.520	26.78		1447.6							
	085	00068	01.05	33.530	26.88		1453.1							
	085	00070	01.57	33.535	26.87		1454.6							
	STO	00075	02.35	33.63	26.87	00.129	1455.1							
	085	00078	02.70	33.687	26.89		1460.8							
	085	00079	02.81	33.723	26.91		1461.4							
	085	00081	03.35	33.870	26.97		1463.9							
	085	00083	04.53	33.862	26.95		1464.8							
	085	00087	04.63	34.015	26.98		1465.6							
	STO	00100	05.14	34.114	27.00	00.157	1472.1							
	085	00100	05.16	34.150	27.01		1472.2							
	STO	00125	05.03	34.22	27.07	00.183	1472.4							
	085	00125	05.06	34.218	27.07		1472.3							
	085	00133	04.60	34.160	27.08		1470.4							
	085	00148	04.81	34.335	27.19		1471.8							
	STO	00150	05.05	34.37	27.19	00.207	1472.9							
	085	00152	05.58	34.413	27.19		1474.3							
	085	00175	05.64	34.480	27.21		1475.8							
	STO	00200	05.82	34.55	27.24	00.251	1477.0							
	085	00205	05.86	34.560	27.24		1477.3							
	085	00226	05.68	34.550	27.26		1476.9							
	085	00241	05.20	34.540	27.31		1475.2							
	085	00249	05.37	34.570	27.31		1476.1							
	STO	00250	05.34	34.57	27.31	00.253	1475.9							
	085	00251	05.28	34.565	27.32		1475.7							
	085	00276	04.58	34.565	27.35		1474.9							
	STO	00300	05.04	34.68	27.44	00.330	1475.7							
	085	00302	05.05	34.690	27.45		1475.8							
	085	00327	04.83	34.710	27.49		1475.3							
	085	00352	05.08	34.755	27.49		1476.8							
	085	00375	05.34	34.840	27.57		1477.1							
	STO	00400	04.99	34.83	27.56	00.393	1477.3							
	085	00401	04.99	34.830	27.56		1477.4							
	085	00403	04.95	34.837	27.57		1477.4							
	085	00411	05.19	34.910	27.60		1478.4							
	085	00426	05.27	34.853	27.58		1479.0							
	085	00441	05.38	34.928	27.59		1479.7							
	085	00451	05.24	34.915	27.60		1475.3							
	STO	00500	05.54	35.00	27.63	00.445	1481.4							
	085	00500	05.54	35.000	27.63		1481.5							
	085	00506	05.22	34.940	27.62		1480.2							
	085	00525	04.97	34.900	27.62		1479.4							
	085	00550	04.99	34.930	27.64		1479.9							
	085	00576	04.85	34.907	27.64		1475.8							
	STO	00600	04.78	34.90	27.64	00.502	1479.9							
	085	00601	04.78	34.93 P	27.670									
	085	00624	04.76	34.890	27.64		1480.2							
	085	00631	04.62	34.910	27.67		1480.1							
	085	00677	04.83	34.940	27.67		1481.4							
	STO	00700	04.76	34.93	27.67	00.534	1481.5							
	085	00700	04.76	34.930	27.67		1481.5							
	085	00725	04.74	34.950	27.69		1481.8							
	085	00750	04.69	34.940	27.68		1482.0							
	085	00776	04.71	34.950	27.69		1482.6							
	STO	00800	04.68	34.96	27.70	00.605	1482.9							
	085	00801	04.68	34.960	27.70		1482.9							
	085	00826	04.62	34.940	27.69		1483.2							
	085	00850	04.55	34.950	27.71		1483.1							
	035	00875	04.45	34.927	27.70		1483.1							
	STO	00900	04.31	34.93	27.71	00.653	1482.9							
	085	00900	04.31	34.925	27.71		1482.9							
	035	00925	04.23	34.920	27.71		1483.4							
	035	00951	04.23	34.920	27.71		1483.9							
	035	00976	04.20	34.930	27.72		1484.1							
	STO	01000	04.17	34.91	27.72	00.702	1484.0							
	085	01001	04.17	34.910	27.72		1484.0							
	085	01016	04.15	34.916	27.72		1484.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A														
REFID	PL	8555	YEAR 1973	BOTOP 02970	AIR TEMP 12.8	DIR MGT PER	WIND-DIR 23	INST STO RECORDER	TEN 50 1307					
CONSEC		0136	MDN7M 05	SHIP EV	WET BULB 12.0		WIND-SPO 08	TRACE DIR	5 SQUARE 1					
LAT	42 11.5N		DAY 25	DATA USE 1	BAROMETR 1016.8	SEA	WIND-FOR	DURATION	2 SQUARE 20					
LONG	050 15 W		HOUR 00.0	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 323	1 SQUARE 20					
CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPH	SNO VEL	DXYG	P04	TOT P	NO2	NO3	SID3	PH
00.0	STO	00330	07.36	32.73	25.61	00.000	1477.5							
	085	00331	07.36	32.730	25.61		1477.5							
	STO	00310	07.25	32.77	25.65	00.024	1477.4							
	085	00311	07.13	32.775	25.67		1476.8							
	085	00313	06.65	32.746	25.65		1475.7							
	085	00315	05.65	32.877	25.91		1472.1							
	085	00319	05.67	32.835	25.91		1471.2							
	STO	00320	05.20	32.75	25.93	00.046	1465.2							
	085	00320	04.50	32.782	25.95		1466.0							
	085	00322	04.65	32.851	26.03		1467.1							
	085	00326	04.56	32.825	26.02		1466.6							
	085	00328	03.42	32.772	26.05		1464.3							
	STO	00330	03.77	32.92	26.18	00.066	1463.6							
	085	00330	03.74	32.965	26.22		1463.4							
	085	00347	02.92	33.140	26.43		1460.5							
	STO	00350	03.27	33.24	26.48	00.100	1462.2							
	085	00351	03.44	33.285	26.50		1463.0							
	085	00362	04.12	33.553	26.65		1466.4							
	085	00368	03.96	33.550	26.66		1465.9							
	085	00370	03.44	33.445	26.64		1463.1							
	STO	00375	03.50	33.65	26.78	00.135	1464.2							
	085	00376	03.51	33.672	26.80		1464.2							
	085	00375	03.45	33.668	26.80		1464.0							
	085	00387	04.21	33.878	26.84		1467.7							
	STO	00100	04.05	33.96	26.95	00.166	1469.8							
	085	00100	04.06	33.985	26.93		1470.0							
	085	00110	02.29	33.700	26.95		1459.6							
	085	00112	02.16	33.782	27.01		1459.1							
	085	00114	01.42	33.765	27.02		1457.7							
	085	00123	01.86	33.810	27.05		1458.0							
	STO	00125	01.81	33.79	27.04	00.193	1457.8							
	085	00125	01.75	33.783	27.04		1457.7							
	085	00127	01.77	33.810	27.06		1457.7							
	085	00142	02.54	33.860	27.04		1461.4							
	085	00144	01.84	33.788	27.04		1458.3							
	STO	00150	01.73	33.85	27.10	00.218	1458.0							
	085	00150	01.72	33.857	27.10		1457.9							
	085	00152	01.67	33.876	27.12		1457.8							
	085	00161	01.39	33.883	27.14		1456.7							
	085	00165	01.60	33.880	27.13		1457.7							
	085	00177	01.54	34.010	27.24		1457.8							
	085	00159	01.54	34.030	27.25		1458.2							
	STO	00200	01.52	34.03	27.25	00.263	1458.1							
	085	00201	01.20	34.065	27.30		1456.6							
	085	00205	01.81	34.140	27.32		1459.7							
	085	00226	02.18	34.210	27.35		1461.7							
	STO	00240	03.10	34.480	27.48	00.300	1466.5							
	085	00250	03.34	34.52	27.49		1467.5							
	085	00251	03.40	34.525	27.49		1467.8							
	085	00257	03.67	34.560	27.49		1465.1							
	085	00266	04.25	34.633	27.49		1472.0							
	085	00276	04.55	34.705	27.51		1473.3							
	085	00281	04.60	34.650	27.50		1473.6							
	085	00287	05.01	34.758	27.54		1475.5							
	STO	00300	04.96	34.79	27.54	00.330	1475.5							
	085	00300	04.56	34.750	27.53		1475.5							
	085	00316	04.55	34.835	27.57		1476.0							
	085	00319	05.62	34.920	27.56		1478.7							
	085	00325	05.62	34.930	27.57		1478.8							
	085	00331	05.36	34.910	27.56		1477.8							
	085	00350	05.26	34.895	27.58		1477.7							
	085	00375	05.20	34.850	27.59		1477.9							
	STO	00400	05.11	34.90	27.60	00.387	1477.9							
	085	00401	05.10	34.900	27.61		1477.9							
	085	00428	04.91	34.930	27.65		1477.6							
	085	00451	04.87	34.910	27.64		1477.8							
	085	00475	04.88	34.930	27.63		1478.2							
	STO	00500	04.81	34.90	27.64	00.440	1473.3							
	085	00500	04.81	34.900	27.64		1473.3							
	085	00525	04.65	34.900	27.65		1478.3							
	085	00550	04.78	34.950	27.67		1479.1							
	085	00576	04.67	34.920	27.67		1475.1							
	STO	00600	04.71	34.92	27.67	00.492	1477.6							
	085	00601	04.71	34.920	27.67		1475.6							
	085	00626	04.71	34.935	27.68		1460.1							
	085	00651	04.67	34.940	27.69		1460.3							
	085	00675	04.63	34.937	27.69		1460.6							
	STO	00700	04.62	34.94	27.69	00.541	1460.9							
	085	00700	04.62	34.940	27.69		1460.9							
	085	00725	04.55	34.930	27.65		1461.0							
	085	00750	04.44	34.920	27.70		1461.0							
	085	00776	04.40	34.920	27.70		1461.2							
	STO	00800	04.31	34.92	27.71	00.585	1461.2							
	085	00801	04.30	34.920	27.71		1461.2							
	085	00826	04.22	34.915	27.72		1461.3							
	085	00850	04.21	34.910	27.71		1461.7							
	085	00875	04.21	34.915	27.72		1462.1							
	STO	00900	04.21	34.92	27.72	00.637	1462.5							
	085	00900	04.21	34.920	27.72		1462.5							
	085	00925	04.22	34.927	27.73		1463.0							
	085	00951	04.17	34.910	27.72		1463.2							
	085	00976	04.17	34.920	27.73		1463.6							
	STO	01000	04.11	34.91	27.72	00.684	1463.7							
	085	01001	04.11	34.910	27.72		1463.6							
	085	01016	04.12	34.915	27.73		1464.1							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOOC STATION DATA

REFUG 34 8355	YEAR 1973	UTOP 02563	AIR TEMP 08.9	DIR MGT PER	WIND-JIR 18	INST STD RECORDER	TEN SU 1307
CONSEL 0135	MUNTH 05	SHIP EV	WET BULB 08.2	19 0 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 42 36 N	DAY 25	DATA USE 1	BAROMETR 1016.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 17 W	MOOR 02.1	AREA 05	CLOUD 7A	CL/7R	WEATHER X4	ORIG 011 324	1 SQUARE 20

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SWJ VEL	DXTG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000		32.97										
02.1	085	00001	00.73 P	32.970	26.450									
	STO	00010		32.98										
	085	00011	00.66 P	32.980	26.470									
	065	00013	06.47	32.978	25.92		1474.5							
	065	00015	06.04	32.947	25.95		1472.8							
	085	00017	05.77	33.075	26.08		1471.9							
	STO	00020	03.73	33.05	26.32		1463.5							
	085	00020	03.34	33.052	26.36		1461.6							
	085	00022	02.89	33.152	26.48		1460.0							
	085	00024	02.84	33.170	26.46		1459.8							
	085	00028	02.47	33.110	26.45		1458.2							
	STO	00050	01.90	33.05	26.44		1455.6							
	085	00030	01.70	33.037	26.45		1454.7							
	085	00032	00.58	33.000	26.46		1451.5							
	085	00034	00.71	33.192	26.63		1450.6							
	085	00038	00.87	33.315	26.72		1451.5							
	085	00041	00.70	33.325	26.74		1450.8							
	085	00045	01.51	33.480	26.81		1454.8							
	085	00047	01.64	33.520	26.84		1455.4							
	085	00046	02.32	33.535	26.82		1457.2							
	STO	00050	02.06	33.54	26.82		1457.4							
	085	00051	02.18	33.537	26.81		1457.5							
	085	00053	03.18	33.580	26.81		1448.7							
	085	00055	00.18	33.413	26.84		1448.8							
	085	00057	00.50	33.475	26.87		1450.7							
	085	00059	00.59	33.460	26.85		1450.8							
	085	00060	00.28	33.470	26.88		1449.5							
	085	00062	00.49	33.460	26.86		1450.4							
	085	00070	- 0.28	33.473	26.51		1447.3							
	085	00072	- 0.22	33.465	26.50		1447.3							
	STO	00075	00.69	33.41	26.57		1451.8							
	085	00076	00.91	33.640	26.98		1452.8							
	085	00079	00.59	33.630	26.97		1453.0							
	085	00081	01.25	33.650	27.00		1454.5							
	085	00085	02.83	33.890	27.04		1461.8							
	085	00087	02.40	33.820	27.02		1459.8							
	085	00097	02.09	33.890	27.10		1458.7							
	STO	00100	02.44	33.92	27.10		1460.3							
	085	00100	02.59	33.950	27.11		1461.1							
	085	00102	02.99	34.020	27.13		1462.9							
	065	00104	03.37	34.322	27.12		1463.3							
	085	00108	02.50	33.960	27.15		1460.0							
	085	00110	02.27	33.980	27.16		1460.0							
	085	00123	02.91	34.080	27.18		1463.0							
	STO	00125	03.13	34.11	27.18		1464.0							
	065	00127	03.50	34.150	27.18		1465.7							
	065	00140	04.40	34.270	27.21		1469.0							
	STO	00150	04.55	34.25	27.23		1470.8							
	065	00150	04.56	34.350	27.25		1470.6							
	065	00154	04.60	34.350	27.23		1471.0							
	085	00159	04.01	34.440	27.36		1468.8							
	085	00161	04.29	34.450	27.37		1470.0							
	085	00169	05.62	34.680	27.57		1475.9							
	085	00175	06.00	34.710	27.34		1477.6							
	065	00194	05.90	34.705	27.35		1477.5							
	085	00198	06.24	34.760	27.35		1479.0							
	STO	00200	06.20	34.74	27.35		1478.8							
	085	00207	06.03	34.702	27.33		1478.2							
	085	00226	05.53	34.707	27.40		1476.5							
	085	00241	05.50	34.713	27.41		1476.7							
	STO	00250	05.66	34.82	27.47		1477.6							
	085	00251	05.68	34.820	27.47		1477.7							
	085	00257	05.57	34.755	27.47		1477.3							
	085	00262	05.16	34.720	27.46		1475.6							
	085	00276	05.20	34.806	27.52		1476.1							
	085	00269	05.45	34.837	27.51		1477.4							
	STO	00300	05.78	34.50	27.52		1479.0							
	085	00302	05.82	34.507	27.52		1479.2							
	085	00325	05.44	34.910	27.57		1476.0							
	085	00357	05.04	34.850	27.57		1476.9							
	085	00375	05.00	34.900	27.62		1477.1							
	STO	00400	04.98	34.51	27.63		1477.4							
	085	00401	04.98	34.510	27.63		1477.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A														
CAS/NUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OATG	P34	TOT P	NO2	NO3	SIO3	PH
085	00426	04.90	34.900	27.62			1477.7							
085	00453	05.01	34.907	27.62			1478.4							
085	00475	04.75	34.920	27.66			1477.9							
STO	00500	04.82	34.91	27.65			1478.4							
085	00500	04.82	34.910	27.65			1478.4							
085	00525	04.82	34.922	27.66			1478.8							
085	00550	04.65	34.910	27.67			1478.5							
085	00576	04.53	34.900	27.67			1478.4							
STO	00600	04.40	34.90	27.68			1478.6							
085	00601	04.40	34.900	27.68			1478.8							
085	00626	04.51	34.910	27.68			1479.2							
085	00651	04.46	34.905	27.68			1479.4							
085	00677	04.25	34.900	27.69			1479.4							
STO	00700	04.12	34.90	27.69			1479.6							
085	00700	04.12	34.900	27.69			1479.6							
085	00725	04.21	34.910	27.70			1480.0							
085	00750	04.33	34.920	27.71			1480.5							
085	00776	04.39	34.920	27.70			1481.2							
STO	00800	04.39	34.92	27.70			1481.6							
085	00805	04.36	34.920	27.70			1481.6							
085	00828	04.20	34.925	27.71			1481.7							
085	00850	04.29	34.928	27.72			1482.0							
085	00875	04.24	34.920	27.72			1482.2							
STO	00900	04.28	34.93	27.72			1482.8							
085	00900	04.28	34.930	27.72			1482.8							
085	00925	04.24	34.930	27.73			1483.1							
085	00951	04.22	34.930	27.73			1483.4							
085	00976	04.25	34.920	27.72			1484.0							
STO	01000	04.21	34.92	27.72			1484.2							
085	01001	04.21	34.920	27.72			1484.2							
085	01018	04.24	34.920	27.72			1484.6							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

MODC STATION DATA

REFID 01 8550 YEAR 1973 BOTOP 01567 AIR TEMP 06.0 DIR HGT PER WIND-DIR 18 INST STD RECORDER TEN SQ 1367
CONSEC 0140 NDYTH 05 SHIP EV WET BULB 07.8 WIND-SPD 08 TRACE DIR 5 SQUARE 1
LAT 42 45 N DAY 25 DATA USE 1 BAROMETR 1016.0 SEA WIND-FOR DURATION 2 SQUARE 20
LON 150 20 W HOUR 04.1 AREA 05 CLOUD 77A CL/7R WEATHER A4 ORIG 01 325 1 SQUARE 20

EASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DTM/DPTH	SND VEL	DRY G	P24	7DT P	NO2	NO3	S103	PM
04.1	STO	00000	06.57	32.82	25.78	00.000	1474.5							
	OBS	00003	06.57	32.817	25.78		1474.5							
	OBS	00007	06.63	32.653	25.80		1474.9							
	STO	00010	06.22	32.85	25.88	00.022	1473.3							
	OBS	00011	05.60	32.907	25.54		1472.1							
	OBS	00013	05.37	32.527	26.01		1473.0							
	OBS	00015	04.12	32.502	26.13		1464.8							
	OBS	00016	03.26	33.187	26.44		1461.6							
	STO	00020	03.21	33.17	26.43	00.040	1461.4							
	OBS	00020	03.10	33.170	26.44		1460.9							
	OBS	00022	02.65	33.210	26.51		1459.0							
	OBS	00024	02.70	33.328	26.60		1459.4							
	OBS	00028	01.26	33.258	26.65		1453.1							
	STO	00030	01.35	33.31	26.69	00.055	1453.6							
	OBS	00030	01.38	33.320	26.69		1453.7							
	OBS	00032	01.46	33.322	26.69		1454.2							
	OBS	00036	00.27	33.412	26.87		1448.6							
	OBS	00038	- 0.28	33.447	26.73		1446.2							
	OBS	00043	- 0.87	33.310	26.80		1443.6							
	OBS	00045	- 0.80	33.360	26.84		1444.1							
	OBS	00049	- 0.45	33.424	26.88		1445.6							
	STO	00050	- 0.17	33.45	26.85	00.061	1447.2							
	OBS	00051	00.46	33.513	26.90		1450.3							
	OBS	00055	01.35	33.641	26.95		1454.6							
	OBS	00057	01.45	33.660	26.95		1455.0							
	OBS	00060	01.15	33.673	26.95		1453.7							
	OBS	00064	01.81	33.750	27.01		1456.6							
	OBS	00070	00.60	33.720	27.06		1451.4							
	STO	00075	01.82	33.84	27.08	00.108	1457.1							
	OBS	00076	02.06	33.860	27.08		1458.2							
	OBS	00083	02.55	34.030	27.13		1462.8							
	OBS	00085	03.10	34.055	27.14		1463.3							
	STO	00100	03.34	34.11	27.17	00.132	1464.5							
	OBS	00100	03.38	34.120	27.17		1464.7							
	OBS	00102	03.45	34.140	27.18		1465.1							
	OBS	00106	03.83	34.215	27.20		1466.8							
	OBS	00110	04.47	34.325	27.22		1466.7							
	STO	00125	04.56	34.33	27.22	00.154	1470.3							
	OBS	00125	04.56	34.330	27.22		1470.4							
	OBS	00146	04.45	34.355	27.25		1473.2							
	STO	00150	04.51	34.35	27.24	00.176	1473.6							
	OBS	00158	04.58	34.353	27.23		1471.0							
	OBS	00159	04.51	34.365	27.25		1473.8							
	OBS	00165	04.65	34.525	27.33		1472.6							
	OBS	00171	04.76	34.500	27.33		1472.2							
	OBS	00175	04.52	34.560	27.36		1473.0							
	OBS	00180	05.12	34.570	27.34		1474.1							
	OBS	00186	05.64	34.700	27.38		1476.5							
	STO	00200	05.67	34.70	27.38	00.216	1476.6							
	OBS	00201	05.68	34.695	27.37		1476.7							
	OBS	00203	05.33	34.660	27.39		1475.3							
	OBS	00211	05.12	34.660	27.41		1474.5							
	OBS	00217	05.51	34.712	27.41		1476.3							
	OBS	00226	05.25	34.650	27.42		1475.4							
	OBS	00232	04.56	34.695	27.46		1474.3							
	OBS	00237	05.57	34.830	27.45		1477.0							
	OBS	00247	05.40	34.785	27.48		1476.4							
	STO	00250	05.21	34.76	27.50	00.250	1475.7							
	OBS	00255	05.05	34.770	27.50		1475.2							
	OBS	00257	05.14	34.815	27.53		1475.6							
	OBS	00264	05.35	34.835	27.52		1476.7							
	OBS	00276	05.23	34.845	27.55		1476.3							
	STO	00300	05.17	34.84	27.55	00.280	1476.4							
	OBS	00300	05.17	34.840	27.55		1476.4							
	OBS	00325	05.14	34.900	27.60		1476.8							
	OBS	00350	05.05	34.900	27.61		1476.9							
	OBS	00355	05.03	34.900	27.61		1476.9							
	OBS	00363	04.76	34.850	27.61		1475.8							
	OBS	00365	04.62	34.835	27.61		1475.3							
	OBS	00376	04.16	34.640	27.66		1473.5							
	STO	00400	04.17	34.85	27.67	00.333	1473.9							
	OBS	00401	04.17	34.850	27.67		1474.0							
	OBS	00426	04.28	34.850	27.66		1474.9							
	OBS	00451	04.08	34.855	27.68		1474.4							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N O A T A														
CASNUM/TIME	LVL7YP	DEPTM	TEMP	SAL	SIGMA-T	DYNDP7M	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SI03	PH
085	00475	04.15	34.500	27.71			1475.2							
STD	00500	04.17	34.51	27.72		00.378	1475.7							
085	00500	04.17	34.910	27.72			1475.7							
085	00525	04.17	34.920	27.73			1476.1							
085	00552	04.16	34.500	27.71			1476.6							
085	00576	04.14	34.510	27.72			1476.8							
STD	00600	04.17	34.51	27.72		00.423	1477.3							
085	00601	04.17	34.52 P	27.730										
085	00626	04.28	34.900	27.70 *			1478.2							
085	00651	04.15	34.890	27.70			1478.1							
085	00675	04.13	34.898	27.71			1478.4							
STD	00700	04.21	34.91	27.71		00.468	1479.2							
085	00700	04.21	34.910	27.71			1479.2							
085	00725	04.13	34.890	27.71			1479.2							
085	00750	04.15	34.500	27.71			1479.7							
085	00776	04.13	34.500	27.71			1480.1							
STD	00800	04.14	34.51	27.72		00.514	1480.5							
085	00801	04.14	34.510	27.72			1480.6							
085	00826	04.14	34.503	27.72			1481.0							
085	00850	04.06	34.500	27.72			1481.0							
085	00875	04.13	34.510	27.72			1481.8							
STD	00900	04.06	34.50	27.72		00.561	1481.6							
085	00900	04.06	34.500	27.72			1481.6							
085	00925	04.04	34.500	27.72			1482.2							
085	00951	04.01	34.500	27.73			1482.5							
085	00976	02.57	34.500	27.73			1482.8							
STD	01000	02.55	34.50	27.73		00.608	1483.1							
085	01001	02.55	34.500	27.73			1483.1							
085	01016	02.52	34.527	27.76			1483.2							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

NOCC STATION DATA

REFID 31	8355	YEAR 1973	60TOP 00003	AIR TEMP 11.5	DIR MGT PER	WIND-DIR 17	INST STO RECORDER	TEM SQ 1307
CONSEC	0141	MONTH 05	SHIP EV	WET BULB 10.5	00 0 X	WIND-SPO 08	TRACE DIR	5 SQUARE 1
LAT 42 50.5N		DAY 25	DATA USE 1	BAROMETR 1015.5	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 19.5W		HOOR 06.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 326	1 SQUARE 20

CASNUM/IME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VCL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
30.7	STO	00000	07.21	32.54	25.79	00.000	1477.2							
	OBS	00001	07.21	32.540	25.79		1477.2							
	STO	00010	07.21	32.94	25.79	00.022	1477.3							
	OBS	00011	07.21	32.546	25.80		1477.4							
	OBS	00013	07.20	32.545	25.80		1477.4							
	STO	00020	05.67	32.81	25.88	00.044	1471.2							
	OBS	00020	05.12	32.787	25.93		1468.9							
	OBS	00022	03.68	33.096	26.33		1463.3							
	OBS	00024	03.26	33.170	26.43		1461.6							
	STO	00030	02.63	33.18	26.46	00.062	1460.3							
	OBS	00030	02.60	33.187	26.47		1460.2							
	OBS	00034	02.67	33.320	26.60		1459.5							
	OBS	00040	02.66	33.330	26.61		1459.5							
	STO	00050	02.29	33.31	26.62	00.092	1458.1							
	OBS	00051	02.27	33.310	26.62		1458.0							
	OBS	00060	02.30	33.403	26.76		1458.5							
	OBS	00064	02.09	33.550	26.83		1457.7							
	OBS	00066	01.75	33.540	26.84		1456.3							
	OBS	00074	02.04	33.650	26.91		1457.8							
	STO	00075	02.22	33.69	26.93	00.125	1458.7							
	OBS	00078	02.73	33.760	26.94		1461.0							
	OBS	00079	02.50	33.752	26.92		1461.8							
	OBS	00067	01.72	33.650	26.93		1456.6							
	OBS	00091	00.63	33.605	27.02		1455.2							
	OBS	00097	01.04	33.675	27.00		1453.8							
	STO	00100	01.35	33.77	27.05	00.152	1455.3							
	OBS	00100	01.42	33.750	27.07		1455.7							
	OBS	00112	01.46	33.610	27.08		1456.1							
	OBS	00114	01.68	33.620	27.07		1457.1							
	STO	00125	01.56	33.88	27.13	00.176	1456.8							
	OBS	00125	01.55	33.690	27.14		1456.6							
	OBS	00133	02.11	34.010	27.19		1459.6							
	OBS	00135	03.57	34.223	27.19		1460.0							
	OBS	00146	04.21	34.210	27.16		1469.1							
	STO	00150	03.98	34.20	27.18	00.199	1468.2							
	OBS	00150	03.97	34.202	27.18		1468.1							
	OBS	00156	04.08	34.210	27.17		1468.7							
	OBS	00158	04.42	34.350	27.25		1470.3							
	OBS	00165	04.80	34.360	27.21		1472.0							
	OBS	00167	04.45	34.320	27.22		1470.7							
	OBS	00171	04.40	34.340	27.24		1470.5							
	OBS	00178	02.99	34.120	27.21		1464.3							
	OBS	00158	02.81	34.210	27.25		1464.0							
	STO	00200	03.15	34.25	27.30	00.242	1465.5							
	OBS	00201	03.27	34.270	27.30		1466.1							
	OBS	00205	02.95	34.230	27.30		1464.7							
	OBS	00207	03.42	34.352	27.35		1466.9							
	OBS	00213	03.60	34.433	27.38		1468.8							
	OBS	00217	04.17	34.500	27.39		1470.5							
	OBS	00224	04.75	34.620	27.42		1473.2							
	OBS	00226	04.79	34.625	27.42		1473.4							
	OBS	00234	04.58	34.670	27.48		1472.7							
	STO	00250	04.76	34.71	27.49	00.276	1473.7							
	OBS	00251	04.76	34.710	27.49		1473.8							
	OBS	00276	04.58	34.655	27.50		1473.4							
	STO	00300	04.73	34.84	27.60	00.307	1474.6							
	OBS	00300	04.73	34.840	27.60		1474.6							
	OBS	00325	04.83	34.840	27.59		1475.5							
	OBS	00352	04.53	34.830	27.62		1474.6							
	OBS	00361	04.55	34.850	27.63		1474.9							
	OBS	00365	04.27	34.810	27.63		1473.8							
	OBS	00375	04.19	34.830	27.65		1473.6							
	STO	00400	04.21	34.83	27.65	00.358	1474.1							
	OBS	00401	04.21	34.830	27.65		1474.1							
	OBS	00426	04.15	34.840	27.66		1474.3							
	OBS	00451	04.13	34.850	27.67		1474.6							
	OBS	00477	04.13	34.904	27.72		1475.1							
	STO	00500	04.19	34.93	27.73	00.404	1475.8							
	OBS	00500	04.19	34.928	27.73		1475.8							
	OBS	00527	04.15	34.900	27.71		1476.0							
	OBS	00550	04.12	34.910	27.72		1476.3							
	OBS	00576	04.11	34.920	27.73		1476.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTDP 03188	AIR TEMP 11.3	OIR MGT PER	WIND-OIR 18	INST STO RECORDER	TEN SG 1307
CONSEC 0142	MONTH 05	SHIP EV	MET BULB 10.5	18 1 2	WIND-SPD 06	TRACE OIR 0	5 SQUARE 1
LAT 42 55 N	DAY 25	DATA USE 1	BAROMETR 1015.3	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 353 20.5W	MOOR 37.7	AREA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 327	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SGD VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
37.7	STO	00330	37.13	32.77	25.68	00.000	1476.5							
	085	00031	07.10	32.773	25.68		1476.6							
	085	00009	06.87	32.770	25.70		1475.8							
	STO	00310	06.68	32.73	25.70	00.023	1475.0							
	085	00313	05.26	32.625	25.79		1469.1							
	085	00317	03.31	32.810	26.13		1461.2							
	STO	00020	02.18	32.86	26.27	00.043	1456.4							
	085	00323	01.83	32.680	26.31		1455.0							
	085	00024	00.41	33.015	26.51		1448.8							
	085	00326	00.30	32.987	26.50		1447.2							
	085	00028	- 0.54	33.350	26.61		1444.6							
	STO	00030	- 0.64	33.11	26.63	00.059	1444.2							
	085	00330	- 0.68	33.120	26.64		1444.0							
	STO	00050	- 1.27	33.15	26.71	00.087	1441.7							
	085	00351	- 1.30	33.152	26.72		1441.6							
	STO	00075	- 1.45	33.28	26.80	00.115	1441.4							
	085	00076	- 1.45	33.327	26.83		1441.5							
	085	00378	- 1.45	33.416	26.90		1441.6							
	085	00383	- 1.05	33.510	26.97		1443.7							
	085	00085	- 0.55	33.561	26.99		1446.2							
	085	00385	00.38	33.625	27.00		1450.6							
	085	00057	00.75	33.660	27.01		1452.4							
	STO	00100	00.56	33.63	26.99	00.148	1451.6							
	085	00103	00.51	33.622	26.99		1451.4							
	085	00102	00.41	33.655	27.02		1451.0							
	085	00104	00.85	33.682	27.02		1453.1							
	085	00106	00.89	33.680	27.01		1453.3							
	085	00116	02.45	33.953	27.12		1463.7							
	085	00115	02.65	33.955	27.10		1461.6							
	STO	00125	03.08	34.01	27.11	00.174	1463.6							
	085	00125	03.12	34.010	27.11		1463.8							
	STO	00150	03.27	34.02	27.10	00.198	1464.9							
	085	00150	03.27	34.017	27.10		1464.9							
	085	00173	03.09	34.027	27.12		1464.5							
	085	00175	02.70	33.970	27.11		1462.8							
	085	00177	02.44	33.967	27.15		1461.7							

REFID 31 8355	YEAR 1973	BOTDP 00388	AIR TEMP 11.3	OIR MGT PER	WIND-OIR 18	INST STO RECORDER	TEN SG 1307
CONSEC 0143	MONTH 05	SHIP EV	MET BULB 10.5	18 1 2	WIND-SPD 06	TRACE OIR 0	5 SQUARE 1
LAT 43 00 N	DAY 25	DATA USE 1	BAROMETR 1015.3	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 350 20.5W	MOOR 06.6	AREA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 328	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SGD VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
06.6	STO	00000	05.92	32.83	25.87	00.000	1471.9							
	085	00001	05.52	32.825	25.87		1471.9							
	085	00003	05.75	32.860	25.92		1471.3							
	085	00005	05.01	32.850	26.03		1468.3							
	085	00007	05.16	33.030	26.12		1469.2							
	085	00009	04.23	32.927	26.14		1465.2							
	STO	00010	04.08	32.91	26.14	00.020	1464.6							
	085	00011	03.73	32.888	26.16		1463.1							
	085	00017	03.15	32.975	26.28		1463.8							
	085	00019	01.94	32.837	26.27		1455.3							
	STO	00020	01.57	32.91	26.35	00.038	1453.8							
	085	00020	01.26	32.962	26.41		1452.5							
	STO	00030	- 0.03	33.05	26.55	00.054	1447.0							
	085	00030	- 0.09	33.100	26.60		1446.7							
	085	00038	- 0.78	33.230	26.71		1443.8							
	085	00040	- 0.80	33.190	26.70		1443.7							
	STO	00050	- 1.22	33.28	26.79	00.081	1442.1							
	085	00051	- 1.26	33.290	26.80		1441.9							
	STO	00075	- 1.23	33.29	26.79	00.112	1442.5							
	085	00076	- 1.22	33.287	26.79		1442.5							
	085	00079	- 1.20	33.290	26.80		1442.7							

TABLE II. Observed oceanographic data occupied by USCGC EVERGREEN,
8-28 May 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 8355	YEAR 1973	BOATP 00075	AIR TEMP 07.8	DIR HGT PER	WIND-OIR 10	INST STO RECORDER	TEN SW 1307
CONSEC 0144	MONTH 05	SHIP EV	WET BULB 07.5	10 0 2	WIND-SPO 06	TRACE OIR 0	5 SQUARE 1
LAT 43 05 N	DAY 25	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 21.5W	MOOR 05.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 929	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNJ VEL	DAYG	PO4	TOT P	NO2	NO3	SI03	PH
	STO	00000	05.51	32.38	25.57	00.000	1469.6							
09.3	085	00001	05.51	32.380	25.57		1469.7							
	085	00003	05.35	32.453	25.64		1465.1							
	085	00007	04.35	32.627	25.89		1465.3							
	085	00009	04.01	32.750	26.05		1464.1							
	STO	00010	03.56	32.75	26.06	00.022	1464.0							
	085	00011	03.52	32.811	26.06		1463.8							
	085	00013	03.50	32.845	26.11		1463.6							
	085	00017	03.31	32.833	26.15		1461.3							
	STO	00020	03.38	32.84	26.15	00.041	1461.6							
	085	00020	03.39	32.840	26.15		1461.7							
	STO	00030	03.11	32.85	26.18	00.060	1460.6							
	085	00030	03.04	32.850	26.15		1460.4							
	085	00032	02.74	32.844	26.21		1459.1							
	085	00034	02.03	32.876	26.29		1456.0							
	085	00038	01.34	32.948	26.40		1453.1							
	085	00040	00.73	32.950	26.47		1450.5							
	085	00045	- 0.06	33.106	26.60		1447.1							
	STO	00050	- 0.48	33.16	26.67	00.092	1445.4							
	085	00051	- 0.58	33.178	26.68		1444.9							
	085	00064	- 0.65	33.287	26.78		1444.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.

N O O C S T A T I O N O A T A														
REFID 31 8555	YEAR 1973	BOTOP 00043	AIR TEMP 08.0	DIR MGT PER	WIND-OIR 35	INST STO RECORDER	TEN SQ 1506							
CONSEC 0145	MONTH 06	SHIP EV	WET BULB 06.5	03 0 X	WIND-SPD 02	TRACE OIR	5 SQUARE 2							
LAT 43 53 N	DAY 17	DATA USE 1	BAROMETR 1022.7	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 049 15 W	MOUR 17.4	AREA 05	CLOUD T/A	CL/TR	WEATHER V5	ORIG 011 330	1 SQUARE 35							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
17.4	STO	00000	06.13	32.51	25.55	00.000	1472.3							
	085	00001	06.13	32.508	25.59		1472.5							
	STO	00010	05.77	32.57	25.69	00.024	1471.1							
	085	00011	05.74	32.575	25.69		1471.0							
	085	00017	05.73	32.580	25.70		1471.1							
	STO	00020	05.57	32.59	25.75	00.046	1469.7							
	085	00020	05.28	32.542	25.76		1465.2							
	085	00022	05.53	32.545	25.90		1461.4							
	085	00024	02.07	32.850	26.27		1456.0							
	085	00026	01.68	32.924	26.36		1454.4							
	STO	00030	01.43	32.95	26.40	00.066	1453.4							
	085	00030	01.40	32.954	26.40		1453.3							
	085	00040	01.36	32.955	26.40		1453.5							
	085	00043	01.36	32.960	26.41		1453.3							

REFID 32 8555	YEAR 1973	BOTOP 00054	AIR TEMP 10.0	DIR MGT PER	WIND-OIR 34	INST STO RECORDER	TEN SQ 1506							
CONSEC 0146	MONTH 06	SHIP EV	WET BULB 07.8		WIND-SPD 02	TRACE OIR	5 SQUARE 2							
LAT 43 51 N	DAY 17	DATA USE 1	BAROMETR 1022.5	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 049 36.5 W	MOUR 16.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 331	1 SQUARE 35							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
16.4	STO	00000	06.18	32.60	25.66	00.030	1472.6							
	085	00001	06.18	32.600	25.66		1472.7							
	085	00003	06.22	32.631	25.68		1472.9							
	085	00005	05.56	32.610	25.65		1471.5							
	STO	00010	05.94	32.61	25.70	00.023	1471.8							
	085	00011	05.89	32.625	25.71		1471.7							
	STO	00020	05.67	32.63	25.72	00.046	1471.7							
	085	00020	05.84	32.625	25.72		1471.6							
	STO	00030	05.27	32.64	25.79	00.064	1465.5							
	085	00030	05.15	32.636	25.81		1469.3							
	085	00034	03.50	32.500	25.83		1463.6							
	085	00038	02.50	32.826	26.22		1458.1							
	085	00040	02.40	32.810	26.21		1457.7							
	085	00041	01.51	32.807	26.25		1455.5							
	085	00043	01.22	32.840	26.32		1452.6							
	STO	00050	00.65	32.94	26.43	00.107	1450.2							
	085	00051	00.52	32.960	26.46		1449.7							
	085	00066	- 0.76	33.157	26.67		1444.3							
	STO	00075	- 1.02	33.16	26.69	00.144	1443.3							
	085	00076	- 1.04	33.170	26.69		1443.2							
	085	00083	- 1.11	33.250	26.75		1443.1							
	STO	00100	- 0.98	33.44	26.91	00.175	1444.2							
	085	00100	- 0.57	33.450	26.92		1444.3							
	STO	00125	- 0.70	33.64	27.06	00.202	1446.3							
	085	00125	- 0.68	33.650	27.07		1446.4							
	085	00135	- 0.21	33.825	27.19		1449.0							
	085	00140	00.13	33.843	27.19		1450.6							
	085	00146	00.27	33.845	27.18		1451.3							

REFID 33 8555	YEAR 1973	BOTOP 00165	AIR TEMP 07.0	DIR MGT PER	WIND-OIR 14	INST STO RECORDER	TEN SQ 1506							
CONSEC 0147	MONTH 06	SHIP EV	WET BULB 06.5	22 3 4	WIND-SPD 08	TRACE OIR	5 SQUARE 2							
LAT 43 51.3 N	DAY 17	DATA USE 1	BAROMETR 1022.1	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 048 57.5 W	MOUR 15.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 332	1 SQUARE 35							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
15.2	STO	00000	04.92	32.73	25.91	00.000	1467.7							
	085	00001	04.92	32.730	25.91		1467.7							
	085	00003	05.00	32.738	25.91		1468.1							
	085	00005	04.85	32.720	25.91		1467.4							
	STO	00010	04.92	32.76	25.93	00.021	1467.8							
	085	00011	04.94	32.760	25.93		1468.0							
	085	00017	04.63	32.724	25.94		1466.7							
	STO	00020	04.21	32.65	25.95	00.042	1464.5							
	085	00020	03.97	32.682	25.97		1464.0							
	085	00024	02.42	32.660	26.09		1457.3							
	085	00026	01.50	32.750	26.20		1455.2							
	085	00028	00.86	32.542	26.42		1450.8							
	STO	00030	00.12	32.95	26.47	00.060	1447.5							
	085	00030	- 0.08	32.450	26.48		1446.6							
	085	00032	- 0.56	33.135	26.65		1444.7							
	085	00036	- 0.62	33.164	26.67		1444.5							
	085	00040	- 1.28	33.162	26.69		1441.4							
	STO	00050	- 1.46	33.16	26.70	00.085	1440.8							
	085	00051	- 1.48	33.160	26.70		1440.7							
	085	00055	- 1.53	33.273	26.79		1440.7							
	085	00062	- 1.52	33.290	26.80		1440.5							
	085	00066	- 1.10	33.300	26.80		1442.9							
	085	00072	- 0.05	33.463	26.85		1448.1							
	STO	00075	- 0.27	33.46	26.90	00.120	1447.1							
	085	00079	- 0.54	33.460	26.91		1445.7							
	085	00085	- 0.82	33.445	26.91		1444.8							
	STO	00100	- 0.75	33.51	26.96	00.145	1445.4							
	085	00102	- 0.75	33.520	26.97		1445.5							
	STO	00125	- 0.81	33.52	26.97	00.176	1445.6							
	085	00125	- 0.81	33.520	26.97		1445.6							
	085	00146	- 0.59	33.745	27.14		1447.2							
	STO	00150	- 0.22	33.82	27.19	00.201	1449.1							
	085	00150	- 0.18	33.630	27.15		1449.3							
	085	00161	00.62	33.950	27.27		1454.3							
	085	00165	00.98	33.980	27.25		1455.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 6355 YEAR 1973 BOTOP 00302 AIR TEMP 06.8 DIR HGT PER WIND-DIR 07 INST STO RECORDER TEN SQ 1306
CONSEC 0146 MONTH 06 SHIP EV WET GULB 07.0 22 3 4 WIND-SPD 10 TRACE DIR 0 5 SQUARE 2
LAT 43 49.5N DAY 17 DATA USE 1 BAROMETR 1021.2 SEA WIND-FOR DURATION 2 SQUARE 26
LONG 048 52 W HOUR 20.1 AREA 05 CLOUD T/A CL/7R WEATHER A2 ORIG 011 333 1 SQUARE 36

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
20.1	STO	00000	05.29	32.73	25.86	00.000	1469.2							
08S	00001	05.29	32.726	25.86			1469.2							
08S	00003	05.22	32.727	25.87			1465.0							
08S	00005	04.65	32.703	25.92			1466.6							
STO	00010	04.58	32.72	25.94	00.021		1466.4							
08S	00011	04.56	32.730	25.95			1466.3							
STO	00020	04.50	32.75	25.97	00.042		1466.2							
08S	00020	04.49	32.750	25.97			1466.2							
08S	00028	04.64	33.150	26.27			1467.5							
STO	00030	04.53	33.14	26.28	00.061		1467.1							
08S	00030	04.52	33.137	26.27			1467.0							
08S	00032	04.62	33.185	26.30			1467.5							
08S	00036	04.50	33.154	26.34			1466.3							
08S	00040	01.80	33.015	26.42			1455.3							
08S	00041	00.96	33.053	26.51			1451.7							
08S	00043	00.59	33.070	26.54			1450.0							
08S	00045	00.56	33.320	26.74			1453.3							
08S	00047	01.79	33.425	26.75			1456.0							
08S	00049	01.93	33.450	26.76			1456.6							
STO	00050	01.82	33.43	26.75	00.091		1456.2							
08S	00057	00.75	33.340	26.75			1451.3							
08S	00060	00.52	33.390	26.80			1450.4							
08S	00064	00.46	33.460	26.86			1450.3							
STO	00075	00.67	33.51	26.89	00.122		1451.5							
08S	00076	00.69	33.517	26.89			1451.6							
08S	00085	00.77	33.515	26.89			1452.1							
08S	00091	01.22	33.646	26.97			1454.4							
08S	00093	01.29	33.650	26.96			1454.8							
STO	00100	02.10	33.76	26.99	00.150		1456.6							
08S	00104	02.32	33.790	27.00			1455.7							
08S	00108	02.24	33.785	27.00			1455.7							
08S	00112	01.11	33.775	27.08			1454.5							
08S	00118	00.89	33.777	27.09			1453.6							
STO	00125	01.64	33.85	27.10	00.176		1457.2							
08S	00127	01.51	33.860	27.09			1458.4							
08S	00129	01.72	33.863	27.10			1457.6							
08S	00133	00.84	33.845	27.15			1453.7							
08S	00137	00.73	33.840	27.15			1453.3							
08S	00139	01.19	33.930	27.20			1455.5							
08S	00146	02.45	34.105	27.24			1461.6							
STO	00150	02.52	34.10	27.24	00.195		1461.8							
08S	00150	02.52	34.105	27.24			1461.8							
08S	00156	02.56	34.125	27.25			1462.2							
08S	00161	03.35	34.210	27.24			1465.7							
08S	00163	03.04	34.182	27.25			1464.4							
08S	00175	02.88	34.190	27.27			1463.9							
08S	00177	02.88	34.192	27.27			1463.9							
08S	00178	03.21	34.307	27.33			1465.5							
08S	00180	03.26	34.350	27.36			1465.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 8055	YEAR 1973	DOYTOP 01424	AIR TEMP 08.5	DIR HGT PER	WIND-OIR 16	INST STO RECORDER	TEN SU 1306
CONSEC 0145	MONTH 06	SHIP EV	WET BULB 08.2	23 2 3	WIND-SPD 18	TRACE OIR 0	5 SQUARE 2
LAT 43 47 N	DAY 17	DATA USE 1	BAROMETR 1021.1	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 45.5 W	MOOR 21.3	AREA 05	CLOUD 174	CL/7R	WEATHER X2	ORIG 011 334	1 SQUARE 38

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	WYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
21.3	STD	00030	08.78	33.30	25.85	00.000	1485.7							
	OBS	00031	08.78	33.304	25.85		1485.7							
	OBS	00033	08.78	33.303	25.85		1483.7							
	OBS	00037	08.34	33.205	25.84		1482.0							
	STD	00013	08.06	33.25	25.91	00.021	1481.0							
	OBS	00013	07.78	33.277	25.98		1480.1							
	STD	00020	07.59	33.27	25.99	00.042	1479.4							
	OBS	00020	07.56	33.225	25.97		1479.3							
	OBS	00024	05.33	32.552	26.04		1470.0							
	OBS	00026	03.65	33.217	26.41		1464.2							
	STD	00030	02.47	33.09	26.43	00.060	1458.2							
	OBS	00030	02.21	33.082	26.44		1457.5							
	OBS	00036	01.35	33.150	26.64		1453.6							
	OBS	00041	02.46	33.527	26.78		1455.0							
	OBS	00045	01.41	33.418	26.78		1453.3							
	OBS	00045	- 0.26	33.356	26.81		1446.6							
	STD	00050	- 0.32	33.38	26.83	00.088	1446.4							
	OBS	00051	- 0.47	33.430	26.88		1445.8							
	OBS	00057	- 0.95	33.462	26.93		1443.5							
	OBS	00060	- 1.05	33.480	26.94		1443.3							
	OBS	00070	- 0.81	33.560	27.00		1444.7							
	STD	00075	- 0.42	33.61	27.03	00.117	1446.7							
	OBS	00076	- 0.35	33.620	27.03		1447.0							
	OBS	00075	- 0.17	33.638	27.04		1447.5							
	OBS	00087	02.58	33.858	27.06		1460.7							
	OBS	00091	02.00	33.930	27.06		1460.9							
	OBS	00095	02.91	33.583	27.10		1462.4							
	OBS	00097	02.56	33.580	27.10		1462.6							
	STD	00100	03.38	34.07	27.13	00.142	1464.6							
	OBS	00102	03.72	34.140	27.15		1466.2							
	OBS	00110	04.29	34.207	27.15		1466.8							
	OBS	00118	04.55	34.150	27.11		1470.0							
	STD	00125	04.45	34.21	27.13	00.185	1469.9							
	OBS	00127	04.45	34.214	27.14		1469.8							
	STD	00150	03.76	34.20	27.20	00.185	1467.2							
	OBS	00150	03.75	34.202	27.20		1467.2							
	OBS	00165	03.57	34.157	27.21		1466.6							
	OBS	00167	03.55	34.337	27.29		1468.5							
	OBS	00171	04.05	34.340	27.28		1469.0							
	OBS	00175	04.67	34.423	27.28		1471.8							
	OBS	00176	04.87	34.483	27.30		1472.7							
	OBS	00184	05.46	34.553	27.25		1475.3							
	STD	00200	05.48	34.53	27.27	00.232	1475.6							
	OBS	00201	05.48	34.530	27.27		1475.7							
	OBS	00226	04.85	34.550	27.36		1473.5							
	OBS	00241	04.12	34.450	27.39		1470.7							
	OBS	00245	03.84	34.463	27.40		1469.5							
	STD	00250	03.85	34.48	27.40	00.270	1465.8							
	OBS	00253	03.92	34.487	27.41		1470.0							
	OBS	00276	03.94	34.550	27.46		1470.5							
	STD	00300	03.96	34.64	27.52	00.305	1471.1							
	OBS	00300	03.96	34.640	27.53		1471.2							
	OBS	00321	03.58	34.650	27.56		1471.7							
	OBS	00335	03.54	34.697	27.57		1471.7							
	OBS	00342	04.30	34.737	27.57		1473.4							
	OBS	00350	04.41	34.782	27.59		1474.0							
	OBS	00367	04.27	34.755	27.61		1474.2							
	OBS	00376	04.07	34.782	27.63		1473.1							
	OBS	00378	04.10	34.780	27.62		1473.2							
	OBS	00392	02.51	34.750	27.62		1472.6							
	STD	00400	02.56	34.78	27.64	00.358	1473.0							
	OBS	00401	03.57	34.790	27.64		1473.1							
	OBS	00453	03.57	34.820	27.67		1474.0							
	STD	00500	04.13	34.90	27.71	00.405	1475.5							
	OBS	00500	04.13	34.900	27.71		1475.5							
	OBS	00550	04.13	34.882	27.70		1476.3							
	STD	00600	04.11	34.89	27.71	00.450	1477.1							
	OBS	00601	04.11	34.890	27.71		1477.1							
	OBS	00651	04.02	34.880	27.71		1477.5							
	STD	00700	03.57	34.88	27.72	00.495	1478.1							
	OBS	00700	03.57	34.880	27.72		1478.1							
	OBS	00750	03.58	34.883	27.72		1479.0							
	STD	00800	03.58	34.85	27.72	00.541	1475.8							
	OBS	00801	03.56	34.887	27.72		1479.8							
	OBS	00850	03.52	34.890	27.73		1480.4							
	STD	00900	03.52	34.88	27.72	00.587	1481.2							
	OBS	00900	03.52	34.883	27.72		1481.3							
	OBS	00951	03.87	34.880	27.73		1481.9							
	STD	01000	03.86	34.87	27.72	00.634	1482.7							
	OBS	01010	03.86	34.873	27.72		1482.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8555	YEAR 1973	BOTOP 02661	AIR TEMP 11.0	QIA MGT PER	WIND-01R 17	INST STO RECORDER	TEN SO 1306
CONSEC 0150	MONTH 06	SHIP EV	WET 6UL8 06.0		WIND-SPO 20	TRACE DIR 0	5 SQUARE 2
LAT 43 50 N	DAY 17	DATA USE 1	BAROMETR 1018.8	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 35 W	MOOR 23.5	AREA 05	CLOUD T/A	CL/T/A	WEATHER A2	ORIG 011 335	1 SQUARE 38

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	DAYG	P34	TOT P	NO2	NO3	SIQ3	PH
23.5	STO	00000	06.35	33.01	25.96	00.000	1474.0							
	085	00001	06.39	33.310	25.96		1474.0							
	STG	00010	05.95	33.32	26.01	00.020	1472.6							
	085	00010	05.93	33.020	26.01		1472.6							
	STO	00020	06.59	33.32	26.13	00.040	1468.7							
	085	00020	06.59	33.320	26.13		1468.7							
	STO	00030	- 0.41	33.37	26.58	00.057	1466.1							
	085	00030	- 0.21	33.370	26.58		1466.1							
	STO	00050	- 1.51	33.25	26.77	00.084	1440.7							
	085	00050	- 1.51	33.250	26.77		1440.7							
	STO	00075	- 0.01	33.39	26.83	00.115	1448.2							
	085	00075	- 0.01	33.390	26.83		1448.2							
	STO	00100	02.29	33.82	27.03	00.144	1459.6							
	085	00100	02.29	33.820	27.03		1459.6							
	STO	00125	03.55	33.95	27.05	00.170	1465.8							
	085	00125	03.55	33.950	27.05		1465.8							
	STO	00150	04.14	34.16	27.13	00.195	1468.8							
	085	00150	04.14	34.160	27.13		1468.8							
	STO	00200	06.01	34.64	27.29	00.239	1477.9							
	085	00200	06.01	34.640	27.29		1477.9							
	STO	00212	04.70	34.450	27.30		1472.5							
	085	00212	04.70	34.450	27.30		1472.5							
	STO	00225	04.95	34.560	27.35	00.278	1470.9							
	085	00225	04.95	34.560	27.35		1470.9							
	STO	00250	04.16	34.48	27.38		1470.9							
	085	00250	04.16	34.480	27.38		1470.9							
	STO	00270	05.01	34.630	27.40		1475.0							
	085	00270	05.01	34.630	27.40		1475.0							
	STO	00285	03.44	34.440	27.42	00.313	1471.7							
	085	00285	03.44	34.440	27.42		1471.7							
	STO	00300	04.10	34.55	27.47		1471.7							
	085	00300	04.10	34.550	27.47		1471.7							
	STO	00320	05.47	34.510	27.47		1465.2							
	085	00320	05.47	34.510	27.47		1465.2							
	STO	00333	03.82	34.640	27.54		1471.1							
	085	00333	03.82	34.640	27.54		1471.1							
	STO	00360	03.46	34.610	27.55		1470.0							
	085	00360	03.46	34.610	27.55		1470.0							
	STO	00400	04.04	34.77	27.62	00.371	1473.3							
	085	00400	04.04	34.770	27.62		1473.3							
	STO	00420	04.25	34.840	27.65		1475.4							
	085	00420	04.25	34.840	27.65	00.422	1475.3							
	STO	00450	04.10	34.810	27.65		1475.3							
	085	00450	04.10	34.810	27.65		1475.3							
	STO	00460	04.06	34.84	27.67	00.472	1476.8							
	085	00460	04.06	34.840	27.67		1476.8							
	STO	00470	04.06	34.86	27.69	00.520	1478.5							
	085	00470	04.06	34.860	27.69		1478.5							
	STO	00500	03.55	34.87	27.71	00.568	1479.9							
	085	00500	03.55	34.870	27.71		1479.9							
	STO	00520	03.55	34.870	27.71	00.615	1481.2							
	085	00520	03.55	34.870	27.71		1481.2							
	STO	00540	03.67	34.87	27.72	00.663	1482.7							
	085	00540	03.67	34.870	27.72		1482.7							
	STO	00560	03.81	34.85	27.71	00.712	1484.1							
	085	00560	03.81	34.850	27.71		1484.1							
	STO	00580	03.76	34.85	27.71	00.761	1485.5							
	085	00580	03.76	34.850	27.71		1485.5							
	STO	00600	03.81	34.87	27.72	00.811	1487.5							
	085	00600	03.81	34.870	27.72		1487.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8055	YEAR 1973	BOATOP 02990	AIR TEMP 10.5	DIR HGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1306
CONSEC 315.	MONTH 06	SHIP EV	WET BULB 05.5	12 1 2	WIND-SPO 22	TRACE DIR 0	5 SQUARE 2
LAT 43 52.5N	DAY 16	DATA USE 1	BAROMETR 1016.1	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 046 24 W	HOUR 02.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 336	1 SQUARE 36

CASNUM/TIME	LVLTYP	DEPTH	TENP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	PO4	TOI P	NO2	NO3	S103	P4
	STD	00000	09.11	33.66	26.08	00.000	1485.4							
02.3	085	00003	09.11	33.664	26.08		1485.5							
	STD	00010	09.11	33.66	26.08	00.019	1485.5							
	085	00011	09.10	33.667	26.08		1485.5							
	STD	00020	09.01	33.70	26.12	00.039	1485.4							
	085	00020	08.98	33.710	26.13		1485.3							
	085	00022	08.91	33.747	26.17		1485.1							
	085	00026	07.51	33.645	26.30		1479.7							
	085	00028	05.85	33.513	26.41		1473.1							
	STD	00030	05.38	33.62	26.56	00.056	1471.2							
	085	00030	05.28	33.640	26.59		1470.9							
	085	00032	05.30	33.670	26.61		1471.0							
	085	00034	04.74	33.693	26.69		1468.8							
	085	00036	03.63	33.745	26.85		1464.2							
	085	00041	05.94	34.200	26.95		1474.5							
	STD	00050	05.52	34.20	26.95	00.082	1474.5							
	085	00051	05.51	34.202	26.96		1474.5							
	085	00057	05.88	34.253	27.00		1474.5							
	085	00066	05.99	34.310	27.03		1475.2							
	STD	00075	05.33	34.23	27.05	00.105	1472.6							
	085	00081	05.08	34.200	27.05		1471.6							
	085	00093	05.25	34.203	27.04		1472.5							
	STD	00100	05.17	34.18	27.03	00.135	1472.3							
	085	00104	04.98	34.164	27.04		1471.5							
	085	00112	04.44	34.140	27.08		1469.4							
	085	00119	04.41	34.140	27.08		1469.4							
	085	00121	04.59	34.184	27.10		1470.2							
	STD	00125	05.27	34.25	27.10	00.160	1473.2							
	085	00127	05.60	34.344	27.11		1474.7							
	085	00135	05.55	34.335	27.10		1474.6							
	085	00139	05.79	34.370	27.10		1475.7							
	STD	00150	05.63	34.41	27.13	00.184	1476.1							
	085	00150	05.83	34.437	27.13		1476.1							
	085	00158	05.12	34.330	27.15		1473.2							
	085	00175	05.16	34.340	27.16		1473.7							
	STD	00200	05.23	34.43	27.22	00.231	1474.5							
	085	00206	05.26	34.470	27.25		1474.8							
	085	00213	04.90	34.450	27.27		1473.4							
	085	00226	04.98	34.550	27.34		1474.1							
	085	00230	05.06	34.545	27.33		1474.4							
	085	00237	04.72	34.515	27.34		1473.1							
	085	00239	04.76	34.510	27.34		1473.3							
	STD	00250	04.84	34.57	27.38	00.271	1473.9							
	085	00253	04.86	34.600	27.40		1474.1							
	085	00258	05.21	34.650	27.39		1475.7							
	085	00276	05.02	34.660	27.43		1475.2							
	085	00287	05.17	34.717	27.45		1476.1							
	085	00295	05.62	34.807	27.47		1478.1							
	STD	00300	05.71	34.82	27.47	00.306	1476.6							
	085	00300	05.72	34.820	27.47		1478.7							
	085	00312	05.51	34.790	27.47		1478.0							
	085	00317	05.71	34.825	27.47		1478.9							
	085	00325	05.59	34.820	27.49		1478.4							
	085	00333	05.21	34.787	27.50		1477.1							
	085	00350	05.02	34.755	27.53		1476.6							
	085	00352	05.06	34.810	27.54		1476.8							
	085	00386	05.55	34.853	27.55		1479.5							
	085	00392	05.30	34.880	27.57		1478.5							
	STD	00400	05.18	34.86	27.58	00.368	1478.2							
	085	00401	05.16	34.880	27.58		1478.1							
	085	00411	05.35	34.857	27.58		1477.7							
	085	00424	04.67	34.820	27.59		1476.4							
	085	00451	04.60	34.822	27.60		1476.6							
	STD	00500	04.56	34.87	27.65	00.422	1477.3							
	085	00506	04.55	34.880	27.65		1477.4							
	085	00550	04.85	34.900	27.63		1475.3							
	STD	00600	04.72	34.90	27.65	00.475	1479.6							
	085	00605	04.71	34.900	27.65		1479.7							
	085	00652	04.62	34.910	27.67		1480.1							
	STD	00700	04.55	34.90	27.67	00.524	1480.6							
	085	00704	04.53	34.900	27.67		1480.6							
	085	00750	04.21	34.900	27.71		1480.0							
	STD	00800	04.12	34.90	27.72	00.575	1480.5							
	085	00803	04.12	34.900	27.72		1480.5							
	085	00850	04.10	34.900	27.72		1481.2							
	STD	00900	04.06	34.90	27.72	00.620	1481.9							
	085	00903	04.06	34.900	27.72		1481.9							
	085	00951	04.05	34.900	27.72		1482.7							
	STD	01000	04.03	34.90	27.73	00.667	1483.4							
	085	01031	04.01	34.900	27.73		1483.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O C S T A T I O N D A T A

REFID 31 0355	YEAR 1973	BOATP 03102	AIR TEMP 12.0	GIR MGT PER	WIND-GIR 10	INST STO RECORDER	TEN SW 1500
CONSEC 0452	MONTH 06	SHIP EV	WET BULB 11.0	16 1 2	WIND-SPO 24	TRACE GIR 0	5 SQUARE 2
LAT 45 44.5N	DAY 18	DATA USE 1	BAROMETR 1011.5	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 068 13 W	MOJR 04.5	AREA 05	CLQUD T/A	CL/TR	WEATHER 86	ORIG 011 337	1 SQUARE 38

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SWD VEL	DATE	PC4	TOT P	NO2	NO3	SIO3	PH
04.5	STO	00300	10.13	34.11	26.26	00.000	1489.6							
	085	00301	10.10	34.110	26.26		1489.6							
	STO	00310	10.12	34.13	26.27	00.018	1489.9							
	085	00311	10.12	34.130	26.27		1489.9							
	STO	00320	10.12	34.13	26.27	00.035	1490.0							
	085	00320	10.13	34.145	26.27		1490.0							
	STO	00330	09.50	34.11	26.30	00.053	1489.4							
	085	00330	09.55	34.102	26.31		1488.8							
	085	00332	09.07	34.047	26.38		1486.3							
	085	00334	08.45	34.110	26.50		1484.8							
	085	00043	06.37	34.103	26.53		1463.9							
	STO	00050	05.49	34.05	26.43	00.063	1474.2							
	085	00353	04.89	33.573	26.90		1470.1							
	085	00057	04.01	33.660	26.92		1466.3							
	085	00362	04.68	34.124	27.02		1470.4							
	085	00074	04.44	34.120	27.06		1468.7							
	STO	00075	04.01	34.14	27.06	00.111	1469.5							
	085	00378	04.55	34.160	27.05		1471.0							
	085	00079	04.53	34.160	27.04		1470.4							
	085	00391	04.60	34.120	27.05		1469.7							
	085	00395	04.54	34.120	27.06		1469.6							
	STO	00100	04.60	34.15	27.06	00.136	1470.1							
	085	00132	04.51	34.155	27.07		1471.3							
	085	00104	05.01	34.205	27.07		1471.7							
	085	00116	04.49	34.200	27.12		1469.7							
	085	00118	04.72	34.240	27.13		1470.8							
	STO	00125	04.35	34.21	27.14	00.161	1469.3							
	085	00127	04.22	34.200	27.15		1468.8							
	085	00137	05.55	34.450	27.18		1474.8							
	085	00144	05.81	34.468	27.18		1476.0							
	STO	00150	05.63	34.47	27.20	00.184	1475.4							
	085	00165	05.59	34.473	27.21		1475.4							
	085	00176	06.12	34.530	27.20		1477.9							
	085	00190	05.59	34.540	27.21		1477.6							
	085	00198	05.41	34.473	27.23		1475.2							
	STO	00200	05.41	34.48	27.23	00.228	1475.3							
	085	00201	05.41	34.480	27.24		1475.3							
	085	00203	05.41	34.457	27.25		1475.4							
	085	00213	05.86	34.550	27.26		1478.6							
	085	00215	05.65	34.555	27.26		1476.8							
	085	00228	05.37	34.540	27.29		1475.7							
	085	00237	05.33	34.530	27.30		1475.7							
	085	00245	05.75	34.600	27.34		1477.7							
	STO	00250	05.64	34.66	27.35	00.265	1477.3							
	085	00251	05.57	34.650	27.35		1477.0							
	085	00258	04.75	34.530	27.35		1473.6							
	085	00276	04.73	34.550	27.37		1473.8							
	085	00277	04.78	34.560	27.37		1474.1							
	STO	00300	05.16	34.67	27.41	00.306	1476.2							
	085	00300	05.16	34.670	27.42		1476.2							
	085	00319	04.96	34.690	27.46		1475.7							
	085	00325	05.30	34.750	27.49		1477.3							
	085	00329	05.52	34.880	27.49		1480.0							
	085	00350	05.66	34.890	27.49		1480.5							
	STO	00400	05.43	34.88	27.55	00.371	1479.2							
	085	00401	05.42	34.880	27.55		1479.2							
	085	00453	05.20	34.855	27.56		1475.1							
	STO	00500	05.08	34.50	27.60	00.425	1475.4							
	085	00506	05.08	34.500	27.61		1479.5							
	085	00550	05.17	34.930	27.62		1480.7							
	STO	00600	04.74	34.50	27.65	00.483	1475.7							
	085	00601	04.73	34.657	27.65		1475.7							
	085	00672	04.62	34.510	27.67		1480.4							
	STO	00700	04.53	34.51	27.68	00.534	1480.5							
	085	00700	04.53	34.510	27.68		1480.5							
	085	00750	04.51	34.510	27.68		1481.3							
	STO	00800	04.49	34.51	27.68	00.584	1482.0							
	085	00801	04.49	34.510	27.68		1482.0							
	085	00852	04.40	34.900	27.69		1482.5							
	STO	00900	04.30	34.90	27.70	00.634	1482.9							
	085	00903	04.30	34.900	27.70		1482.9							
	085	00953	04.23	34.898	27.70		1483.5							
	STO	01000	04.19	34.90	27.71	00.684	1484.1							
	085	01001	04.19	34.900	27.71		1484.1							
	STO	01100	04.01	34.91	27.73	00.733	1485.0							
	085	01132	04.01	34.910	27.74		1485.0							
	STO	01200	03.85	34.50	27.74	00.781	1486.2							
	085	01201	03.85	34.500	27.74		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REF ID 31 0355	YEAR 1973	BOTOP 03085	AIR TEMP 12.8	DIR HGT PER	W140-DIR 13	INST STO RECORDER	TEN 50 1306
COINSEC 0155	MONTH 06	SHIP EV	WET BULB 12.3	06 3 2	W140-SPO 31	TRACE DIR 0	5 SQUARE 2
LAT 43 49 N	JAY 18	DATA USE 1	BAROMETR 1017.8	SEA	W140-FDR	DURATION	2 SQUARE 28
LONG 048 06.5W	HOOR 06.6	AREA J5	CLOUD T74	CL/TR	WEATHER X6	DRIG 011 338	1 SQUARE 56

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
	STD	00000	10.13	34.31	26.18	00.000	1485.6							
06.6	085	00001	10.13	34.310	26.18		1485.6							
	STD	00010	10.12	34.31	26.18	00.018	1485.7							
	085	00011	10.12	34.310	26.18		1485.7							
	STD	00020	10.11	34.01	26.18	00.037	1489.9							
	085	00020	10.09	34.005	26.18		1485.8							
	085	00026	09.69	33.943	26.20		1488.4							
	STD	00030	09.23	34.04	26.35	00.050	1486.8							
	085	00030	09.00	34.086	26.41		1486.3							
	085	00032	08.99	34.060	26.70		1484.9							
	085	00034	08.76	34.577	26.85		1485.8							
	085	00038	09.94	34.405	26.91		1483.7							
	STD	00050	09.58	34.03	26.91	00.083	1489.5							
	085	00051	09.53	34.030	26.92		1489.3							
	085	00057	09.50	34.825	26.95		1488.5							
	085	00062	09.52	34.898	26.97		1489.5							
	STD	00075	09.35	34.06	26.97	00.112	1485.0							
	085	00079	07.61	34.520	26.98		1482.1							
	085	00083	06.91	34.390	26.97		1475.3							
	085	00093	06.28	34.355	27.03		1476.9							
	STD	00100	05.97	34.34	27.06	00.138	1475.7							
	085	00100	05.94	34.340	27.06		1475.6							
	STD	00125	05.08	34.33	27.08	00.164	1475.0							
	085	00125	05.08	34.330	27.08		1475.0							
	STD	00150	03.09	34.45	27.18	00.188	1475.5							
	085	00150	05.09	34.450	27.18		1475.6							
	085	00169	06.05	34.550	27.21		1477.5							
	085	00173	03.84	34.520	27.22		1476.0							
	085	00175	03.95	34.557	27.23		1477.2							
	STD	00200	05.89	34.54	27.22	00.233	1477.3							
	085	00201	05.89	34.540	27.22		1477.3							
	085	00205	05.91	34.540	27.22		1477.5							
	085	00207	05.91	34.530	27.26		1475.9							
	085	00222	05.71	34.590	27.29		1477.0							
	085	00237	06.25	34.650	27.30		1479.5							
	085	00245	05.98	34.692	27.33		1478.7							
	STD	00250	05.93	34.65	27.34	00.274	1478.5							
	085	00253	05.08	34.670	27.35		1477.5							
	085	00277	05.81	34.683	27.35		1478.5							
	085	00295	05.90	34.763	27.40		1475.2							
	085	00298	05.93	34.687	27.39		1477.7							
	STD	00300	05.90	34.68	27.38	00.312	1477.6							
	085	00300	05.48	34.670	27.38		1477.5							
	085	00327	05.66	34.830	27.48		1478.9							
	085	00333	06.07	34.890	27.48		1483.7							
	085	00350	05.87	34.873	27.49		1480.1							
	STD	00400	05.20	34.83	27.54	00.380	1476.2							
	085	00401	05.19	34.830	27.54		1478.2							
	085	00451	05.32	34.890	27.57		1475.6							
	STD	00500	05.12	34.90	27.60	00.438	1475.0							
	085	00500	05.12	34.900	27.60		1475.6							
	085	00550	05.01	34.910	27.62		1480.0							
	STD	00600	04.87	34.90	27.63	00.493	1480.3							
	085	00605	04.85	34.903	27.64		1480.3							
	STD	00700	04.61	34.91	27.67	00.545	1480.8							
	085	00711	04.58	34.910	27.67		1480.9							
	085	00750	04.49	34.900	27.68		1481.2							
	STD	00800	04.47	34.90	27.68	00.592	1481.9							
	085	00803	04.46	34.902	27.68		1481.9							
	085	00818	04.42	34.900	27.68		1482.0							
	085	00820	04.23	34.895	27.70		1481.2							
	085	00875	04.42	34.910	27.69		1483.0							
	STD	00900	04.40	34.91	27.69	00.646	1483.3							
	085	00904	04.39	34.910	27.69		1483.3							
	085	00951	04.26	34.900	27.70		1483.6							
	STD	01000	04.13	34.88	27.70	00.697	1483.8							
	085	01001	04.13	34.880	27.70		1483.8							
	STD	01100	04.01	34.90	27.73	00.740	1485.0							
	085	01100	04.01	34.905	27.73		1485.0							
	085	01123	03.90	34.937	27.74		1484.9							
	STD	01200	03.90	34.90	27.74	00.794	1486.2							
	085	01201	03.90	34.900	27.74		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0350	YEAR 1973	80TOP 04073	AIR TEMP 14.0	OIR HGT PER	WIND-OIR 17	INST STD RECORDER	TEN SQ 1326
CONSEC 0154	MONTH 06	SHIP EV	WET BULB 13.0	17 S 2	WIND-SPD 30	TRACE OIR 0	5 SQUARE 2
LAT 43 50.54	DAY 08	DATA USE 1	BAROMETER 1002.5	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 59 .	MOOR 11.1	ARIA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 335	1 SQUARE 37

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
11.1	STO	00000	07.93	33.62	26.22	00.000	1480.5							
	OBS	00005	07.93	33.620	26.22		1481.0							
	STO	00010	07.91	33.62	26.23	00.018	1481.0							
	OBS	00011	07.91	33.620	26.23		1481.0							
	OBS	00017	07.93	33.626	26.23		1481.1							
	STO	00020	07.94	33.63	26.23	00.036	1479.7							
	OBS	00020	07.93	33.636	26.31		1479.3							
	OBS	00024	07.93	33.660	26.39		1477.7							
	STO	00030	07.70	33.63	26.42	00.053	1480.7							
	OBS	00033	07.75	33.643	26.42		1481.0							
	OBS	00036	06.07	33.677	26.44		1482.5							
	OBS	00036	06.44	34.300	26.52		1486.1							
	OBS	00041	10.39	34.620	26.76		1492.3							
	OBS	00043	10.15	34.900	26.87		1451.5							
	OBS	00047	09.47	34.690	26.97		1485.1							
	STO	00050	09.51	34.90	26.98	00.080	1485.3							
	OBS	00051	09.52	34.903	26.98		1484.4							
	OBS	00053	09.32	34.902	26.98		1484.4							
	OBS	00055	09.19	34.830	26.97		1486.1							
	OBS	00057	08.47	34.890	27.06		1487.4							
	OBS	00062	06.65	34.900	27.06		1486.2							
	STO	00075	07.74	34.62	27.03	00.107	1482.7							
	OBS	00085	07.35	34.550	27.03		1481.4							
	OBS	00095	07.32	34.550	27.04		1481.3							
	STO	00100	06.98	34.86	27.10	00.132	1480.0							
	OBS	00106	06.93	34.585	27.12		1480.0							
	OBS	00114	07.47	34.680	27.12		1482.5							
	STO	00125	07.74	34.74	27.13	00.157	1483.7							
	OBS	00125	07.75	34.745	27.13		1483.7							
	OBS	00129	07.78	34.757	27.14		1483.9							
	STO	00150	07.94	34.72	27.14	00.181	1483.2							
	OBS	00158	07.47	34.700	27.14		1483.1							
	OBS	00175	07.38	34.670	27.13		1483.0							
	OBS	00184	07.61	34.747	27.15		1484.1							
	OBS	00194	07.36	34.690	27.14		1483.2							
	STO	00200	07.30	34.69	27.15	00.229	1483.1							
	OBS	00203	07.27	34.685	27.15		1483.0							
	OBS	00226	07.35	34.680	27.14		1483.7							
	OBS	00237	07.59	34.820	27.21		1485.0							
	STO	00250	07.68	34.85	27.23	00.275	1485.6							
	OBS	00257	07.71	34.870	27.24		1485.9							
	OBS	00277	07.70	34.900	27.26		1486.2							
	OBS	00287	07.73	34.900	27.26		1486.5							
	OBS	00285	07.61	34.890	27.27		1486.0							
	OBS	00293	07.71	34.895	27.25		1486.5							
	STO	00300	07.57	34.87	27.25	00.319	1486.0							
	OBS	00306	07.20	34.810	27.26		1484.6							
	OBS	00316	06.26	34.682	27.29		1480.5							
	OBS	00327	05.72	34.655	27.34		1478.9							
	OBS	00331	05.67	34.670	27.33		1479.6							
	OBS	00338	05.73	34.675	27.35		1479.1							
	OBS	00346	06.10	34.750	27.36		1480.8							
	OBS	00348	06.14	34.820	27.41		1481.1							
	OBS	00352	06.40	34.855	27.41		1482.3							
	OBS	00365	06.73	34.930	27.42		1484.0							
	OBS	00373	06.55	34.885	27.41		1483.3							
	OBS	00382	05.32	34.690	27.41		1478.2							
	OBS	00390	05.08	34.600	27.46		1476.9							
	STO	00400	05.70	34.81	27.46	00.397	1480.2							
	OBS	00401	05.70	34.815	27.47		1480.2							
	OBS	00430	04.80	34.680	27.47		1476.8							
	OBS	00432	04.65	34.675	27.48		1476.2							
	OBS	00434	04.69	34.670	27.47		1476.4							
	OBS	00441	05.03	34.800	27.50		1476.2							
	OBS	00445	05.02	34.800	27.54		1476.2							
	OBS	00482	05.16	34.830	27.54		1475.4							
	STO	00500	05.26	34.88	27.57	00.461	1480.3							
	OBS	00504	05.33	34.893	27.57		1480.5							
	OBS	00519	05.53	34.900	27.55		1481.0							
	OBS	00534	04.96	34.820	27.56		1475.5							
	OBS	00555	04.71	34.820	27.59		1476.7							
	OBS	00561	04.99	34.890	27.61		1480.1							
	OBS	00592	04.98	34.990	27.69		1480.7							
	STO	00600	05.11	35.00	27.69	00.515	1481.3							
	OBS	00605	05.17	35.010	27.68		1481.7							
	OBS	00628	05.26	35.010	27.67		1482.5							
	STO	00700	04.74	34.91	27.66	00.565	1481.4							
	OBS	00705	04.71	34.910	27.66		1481.3							
	OBS	00788	04.55	34.900	27.67		1482.0							
	STO	00800	04.55	34.91	27.67	00.617	1482.2							
	OBS	00805	04.55	34.910	27.68		1482.3							
	OBS	00856	04.36	34.902	27.69		1482.4							
	STO	00900	04.32	34.90	27.69	00.666	1482.9							
	OBS	00900	04.32	34.900	27.69		1482.9							
	OBS	00951	04.24	34.900	27.70		1483.5							
	STO	01000	04.15	34.88	27.70	00.718	1483.9							
	OBS	01003	04.13	34.880	27.70		1483.9							
	STO	01100	04.12	34.88	27.70	00.769	1485.4							
	OBS	01100	04.12	34.883	27.70		1485.4							
	STO	01200	03.97	34.90	27.73	00.819	1486.5							
	OBS	01203	03.96	34.900	27.73		1486.5							
	OBS	01218	03.92	34.900	27.74		1486.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 8555	YEAR 1973	BJTOP 03636	AIR TEMP 13.0	OIR MGT PER	WIND-OIR 24	INST STO RECORDER	TEM SQ 1336
CONSEC 0155	MONTH 06	SHIP EV	#E7 8UL8 12.4	19 7 5	WIND-SPD 30	TRACE OIR 0	5 SQUARE 2
LAT 43 45.5N	DAY 16	DATA USE 1	BAROMETER 1002.8	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 53 W	HOOR 13.0	AREA 05	CLOUD 7/A	CL/7R	WEATHER A6	ORIG 011 340	1 SQUARE 37

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
13.0	STO	00000	09.36	33.57	26.27	00.000	1486.7							
	085	00001	09.36	33.570	26.27		1486.7							
	STO	00010	09.39	33.57	26.27	00.018	1487.0							
	085	00013	09.41	33.570	26.27		1487.1							
	085	00017	09.44	33.565	26.26		1487.3							
	STO	00020	09.41	33.57	26.27	00.035	1487.2							
	085	00020	09.40	33.570	26.27		1487.2							
	STO	00030	09.39	33.98	26.28	00.053	1487.3							
	085	00030	09.38	33.987	26.28		1487.3							
	085	00036	09.27	34.073	26.37		1487.1							
	085	00040	08.75	34.110	26.56		1485.4							
	085	00041	07.73	34.306	26.75		1481.7							
	085	00045	05.97	34.827	26.84		1450.9							
	STO	00050	09.90	34.81	26.84	00.083	1450.6							
	085	00051	09.70	34.750	26.83		1489.8							
	085	00053	09.43	34.685	26.82		1488.8							
	085	00060	08.31	34.577	26.92		1484.6							
	085	00068	08.03	34.590	26.97		1483.6							
	085	00072	08.71	34.853	27.05		1486.6							
	STO	00075	08.75	34.83	27.04	00.111	1486.8							
	085	00076	08.76	34.820	27.04		1486.8							
	085	00085	07.57	34.690	27.06		1483.8							
	085	00099	07.76	34.674	27.07		1483.2							
	STO	00130	07.68	34.65	27.07	00.137	1482.9							
	085	00110	07.23	34.590	27.08		1481.2							
	085	00112	07.23	34.613	27.10		1481.3							
	085	00118	06.86	34.593	27.05		1475.8							
	STO	00125	06.86	34.54	27.10	00.162	1475.9							
	085	00131	06.86	34.550	27.10		1480.1							
	085	00135	07.33	34.657	27.13		1482.9							
	STO	00150	07.50	34.67	27.11	00.167	1483.0							
	085	00152	07.50	34.670	27.11		1483.1							
	085	00156	07.43	34.670	27.12		1482.8							
	085	00161	08.32	34.865	27.16		1486.6							
	085	00178	08.48	34.910	27.15		1487.6							
	085	00188	08.30	34.900	27.17		1487.0							
	085	00198	06.66	34.595	27.17		1480.4							
	085	00195	06.64	34.650	27.21		1480.5							
	STO	00200	06.63	34.65	27.21	00.234	1480.4							
	085	00203	06.33	34.585	27.20		1475.2							
	085	00207	06.40	34.617	27.21		1475.8							
	085	00220	06.00	34.548	27.22		1478.1							
	085	00232	06.02	34.560	27.22		1476.4							
	085	00236	06.11	34.570	27.22		1478.8							
	STO	00250	06.01	34.57	27.23	00.278	1476.7							
	085	00252	05.98	34.560	27.23		1478.6							
	085	00258	05.91	34.540	27.22		1478.4							
	085	00262	06.40	34.683	27.27		1480.6							
	085	00264	06.43	34.680	27.27		1480.7							
	085	00270	05.61	34.540	27.26		1477.3							
	085	00274	05.40	34.550	27.29		1476.6							
	085	00276	05.41	34.550	27.25		1476.6							
	085	00277	05.65	34.605	27.31		1477.7							
	085	00283	06.22	34.707	27.31		1480.2							
	085	00285	06.72	34.648	27.36		1482.5							
	085	00257	07.53	35.003	27.37		1486.0							
	STO	00300	07.65	35.03	27.36	00.320	1486.7							
	085	00300	07.72	35.030	27.36		1486.8							
	085	00314	07.45	35.010	27.38		1486.0							
	085	00327	07.65	35.040	27.38		1487.0							
	085	00344	05.86	34.740	27.39		1479.8							
	085	00354	05.62	34.700	27.38		1475.0							
	085	00361	05.37	34.670	27.35		1476.0							
	085	00373	05.35	34.692	27.41		1478.2							
	STO	00400	05.26	34.75	27.50	00.391	1478.4							
	085	00403	05.25	34.800	27.51		1478.4							
	085	00411	04.56	34.780	27.53		1477.3							
	085	00420	05.30	34.830	27.53		1478.9							
	085	00453	05.29	34.890	27.58		1475.5							
	085	00464	05.35	34.900	27.58		1480.0							
	STO	00500	05.26	34.88	27.57	00.453	1480.2							
	085	00500	05.26	34.880	27.57		1480.2							
	085	00555	05.41	34.980	27.63		1482.5							
	STO	00600	05.41	34.98	27.65	00.510	1482.6							
	085	00607	05.07	34.900	27.61		1482.5							
	STO	00700	04.97	34.94	27.65	00.564	1482.4							
	085	00700	04.97	34.940	27.65		1482.4							
	085	00750	04.91	34.950	27.67		1483.0							
	085	00769	04.83	34.950	27.68		1483.4							
	STO	00800	04.83	34.95	27.66	00.616	1483.5							
	085	00873	04.65	34.900	27.66		1483.9							
	STO	00900	04.64	34.94	27.69	00.668	1484.2							
	085	00900	04.60	34.940	27.64		1484.2							
	085	00944	04.44	34.930	27.70		1485.5							
	STO	01000	04.43	34.92	27.71	00.718	1485.1							
	085	01001	04.43	34.930	27.71		1485.1							
	STO	01100	04.22	34.91	27.71	00.765	1485.9							
	085	01100	04.22	34.910	27.71		1485.9							
	STO	01200	04.03	34.88	27.71	00.819	1486.7							
	085	01201	04.03	34.880	27.71		1486.7							
	085	01212	03.59	34.880	27.71		1486.8							
	085	01214	03.59	34.880	27.71		1486.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOUCC STATION DATA									
REFID	31	W355	YEAR	1973	80TOP	03804	AIR TEMP	13.0	OIR MGT PER
CONSEC	0150		MONTH	06	SHIP EV		WET BULB	12.2	19 4 2
LAT	43 47.5N		DAY	18	DATA USE	1	BAROMETR	1302.9	SEA
LONG	047 43 W		MOJR	15.0	AREA	05	CLOUD T/A		CL/T/A
CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	WIND-OIR	INST STO RECORDER
								UXYG	P34
									TOT P
									NO2
									NO3
									S103
									PH
15.0	\$T0	00000	10.83	33.97	26.02	00.000	1492.1		
	085	00005	10.83	33.968	26.02		1492.2		
	\$T0	00010	10.83	33.97	26.02	00.020	1492.2		
	085	00011	10.83	33.970	26.02		1492.2		
	\$T0	00020	10.76	33.94	26.01	00.040	1492.1		
	085	00020	10.72	33.935	26.02		1492.0		
	085	00022	10.62	33.970	26.06		1491.7		
	085	00024	10.15	33.865	26.06		1489.9		
	085	00026	09.47	33.750	26.09		1487.3		
	085	00028	05.11	33.385	26.41		1469.8		
	\$T0	00030	04.49	33.33	26.43	00.058	1467.1		
	085	00030	04.39	33.310	26.43		1466.7		
	085	00032	04.04	33.645	26.66		1468.2		
	085	00034	04.72	33.648	26.66		1468.6		
	085	00036	05.03	33.632	26.77		1470.2		
	085	00043	05.27	33.853	26.76		1471.3		
	085	00045	04.55	33.833	26.78		1470.0		
	085	00049	04.15	33.770	26.82		1466.6		
	\$T0	00050	04.07	33.77	26.83	00.087	1466.3		
	085	00051	03.88	33.766	26.86		1465.6		
	085	00055	03.56	33.850	26.94		1464.4		
	085	00059	03.76	33.860	26.93		1465.3		
	085	00060	03.33	33.847	26.96		1463.5		
	085	00066	02.41	33.548	27.03		1464.0		
	085	00070	01.05	33.540	27.02		1460.0		
	005	00074	04.00	34.322	27.03		1466.8		
	\$T0	00075	04.17	34.05	27.03	00.115	1467.5		
	085	00078	04.63	34.125	27.05		1469.6		
	085	00085	04.67	34.153	27.06		1470.1		
	085	00097	04.56	34.200	27.11		1469.7		
	\$T0	00100	04.78	34.20	27.05	00.140	1470.7		
	085	00100	04.83	34.204	27.09		1470.9		
	085	00114	04.94	34.205	27.07		1471.6		
	085	00116	04.89	34.254	27.12		1471.5		
	085	00121	05.43	34.347	27.13		1473.8		
	\$T0	00125	05.43	34.34	27.12	00.165	1473.9		
	085	00125	05.44	34.340	27.12		1474.0		
	085	00129	05.57	34.450	27.19		1474.7		
	085	00146	05.73	34.475	27.19		1475.7		
	\$T0	00150	05.54	34.50	27.15	00.186	1476.0		
	085	00150	05.56	34.505	27.19		1476.7		
	085	00171	06.87	34.677	27.20		1480.9		
	085	00177	06.51	34.670	27.19		1481.2		
	085	00178	06.51	34.670	27.19		1481.2		
	085	00184	06.76	34.635	27.19		1480.7		
	085	00188	06.14	34.530	27.18		1478.1		
	\$T0	00200	05.80	34.54	27.24	00.235	1477.0		
	085	00203	05.75	34.550	27.25		1476.8		
	085	00217	05.77	34.600	27.29		1477.2		
	085	00220	06.05	34.670	27.31		1478.5		
	085	00222	06.08	34.650	27.32		1478.6		
	085	00232	06.59	34.620	27.35		1481.0		
	085	00234	06.62	34.806	27.34		1481.1		
	085	00243	05.83	34.675	27.34		1478.0		
	085	00245	05.84	34.670	27.33		1478.0		
	085	00249	06.11	34.717	27.34		1475.2		
	\$T0	00250	06.10	34.72	27.34	00.274	1479.2		
	085	00258	05.56	34.693	27.34		1478.8		
	085	00276	05.72	34.685	27.36		1478.1		
	085	00281	05.78	34.670	27.34		1478.4		
	085	00287	05.03	34.550	27.34		1475.3		
	085	00291	04.99	34.595	27.38		1475.2		
	\$T0	00300	05.52	34.69	27.39	00.312	1477.6		
	085	00300	05.53	34.690	27.39		1477.7		
	085	00316	04.65	34.550	27.38		1474.2		
	085	00342	04.87	34.670	27.45		1475.7		
	085	00346	04.56	34.650	27.47		1474.4		
	085	00352	04.67	34.700	27.47		1475.9		
	\$T0	00400	05.57	34.90	27.55	00.379	1475.8		
	085	00401	05.58	34.900	27.55		1475.9		
	085	00445	05.48	34.880	27.54		1480.1		
	085	00456	06.07	35.020	27.58		1482.9		
	085	00485	05.64	34.550	27.61		1481.0		
	085	00487	05.58	35.000	27.63		1481.4		
	085	00496	05.26	34.945	27.62		1480.2		
	\$T0	00500	05.24	34.94	27.62	00.436	1480.1		
	085	00502	05.22	34.940	27.62		1480.1		
	085	00550	05.33	35.030	27.68		1481.5		
	\$T0	00600	05.40	35.02	27.68	00.486	1482.0		
	085	00601	05.26	35.020	27.68		1482.0		
	085	00618	05.19	35.010	27.68		1482.0		
	\$T0	00700	04.64	34.92	27.68	00.538	1481.0		
	085	00700	04.64	34.923	27.68		1481.0		
	085	00717	04.55	34.910	27.68		1480.9		
	085	00750	04.46	34.910	27.65		1481.0		
	\$T0	00800	04.39	34.90	27.69	00.588	1481.6		
	085	00673	04.28	34.850	27.65		1482.3		
	\$T0	00900	04.10	34.67	27.65	00.636	1482.0		
	085	00504	04.06	34.870	27.70		1482.0		
	085	00551	04.08	34.910	27.73		1482.8		
	\$T0	01000	04.06	34.68	27.71	00.688	1483.5		
	085	01001	04.06	34.680	27.71		1483.5		
	\$T0	01100	03.57	34.50	27.73	00.736	1484.8		
	085	01100	03.57	34.500	27.73		1484.8		
	\$T0	01200	03.68	34.50	27.74	00.784	1486.1		
	085	01212	03.87	34.500	27.74		1486.3		

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N D D C S T A T I O N D A T A

REFID 31 0350	YEAR 1973	WDTOP 03731	AIR TEMP 14.0	DIR MGT PER	WIND-DIA 21	INST STO RECORDER	TEN SQ 1306
CONSEC 0157	MONTH 06	SHIP EV	WET SULF 13.8	33 5 2	WIND-SPO 24	TRACE DIA	5 SQUARE 2
LAT 43 57 N	DAY 16	DATA USE 1	BARDMETA 1303.8	SEA	WIND-FDR	DURATION	2 SQUARE 26
LONG 047 43 W	HOOR 17.1	AREA 05	CLOUD 7/4	GL/TR	WEATHER X1	DRIG 011 342	1 SQUARE 37

LASTNM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMTH	SND VEL	DAYG	P04	TOT P	NO2	NO3	SIDS	PH
17.1	STO	00000	09.55	34.20	26.36	00.000	1485.2							
	OBS	00001	09.55	34.200	26.36		1485.2							
	STO	00010	09.95	34.21	26.36	00.017	1485.4							
	OBS	00011	09.95	34.207	26.36		1485.4							
	OBS	00013	09.90	34.190	26.36		1485.2							
	STO	00020	09.50	34.20	26.37	00.034	1485.3							
	OBS	00020	09.50	34.210	26.37		1485.4							
	STO	00050	09.90	34.32	26.46	00.050	1485.6							
	OBS	00050	09.90	34.320	26.46		1485.7							
	OBS	00043	09.85	34.346	26.49		1485.7							
	OBS	00047	09.52	34.295	26.50		1486.5							
	OBS	00049	08.52	34.355	26.63		1486.4							
	STO	00050	08.54	34.42	26.69	00.079	1486.7							
	OBS	00051	09.15	34.030	26.62		1486.6							
	OBS	00057	09.32	34.050	26.67		1486.6							
	OBS	00062	07.07	34.558	27.00		1482.1							
	OBS	00066	07.06	34.477	27.02		1479.7							
	OBS	00068	05.84	34.310	27.05		1474.6							
	OBS	00074	02.48	34.280	27.07		1473.2							
	STO	00075	05.55	34.50	27.06	00.109	1475.6							
	OBS	00076	03.02	34.320	27.08		1473.9							
	OBS	00081	05.04	34.315	27.08		1474.1							
	OBS	00087	05.35	34.250	27.09		1473.1							
	OBS	00095	06.28	34.440	27.10		1477.1							
	STO	00100	06.19	34.42	27.09	00.134	1476.7							
	OBS	00106	05.72	34.340	27.09		1474.8							
	STO	00125	05.54	34.34	27.11	00.159	1474.4							
	OBS	00125	05.53	34.350	27.12		1474.4							
	OBS	00131	05.96	34.455	27.15		1476.4							
	OBS	00140	05.98	34.450	27.14		1476.6							
	STO	00150	06.58	34.56	27.15	00.183	1479.3							
	OBS	00161	07.08	34.657	27.16		1481.6							
	OBS	00186	07.11	34.660	27.16		1482.1							
	STO	00200	07.14	34.68	27.17	00.230	1482.5							
	OBS	00201	07.18	34.690	27.17		1482.7							
	OBS	00211	07.50	34.800	27.21		1484.2							
	OBS	00243	04.09	34.340	27.21		1472.9							
	STO	00250	05.15	34.46	27.25	00.275	1475.0							
	OBS	00255	05.25	34.500	27.27		1475.7							
	OBS	00264	05.02	34.445	27.25		1474.7							
	OBS	00274	05.51	34.550	27.28		1477.0							
	OBS	00277	05.62	34.550	27.27		1477.5							
	OBS	00283	06.10	34.615	27.26		1479.6							
	OBS	00293	06.27	34.730	27.30		1480.6							
	STO	00300	06.11	34.67	27.30	00.317	1480.0							
	OBS	00300	06.05	34.665	27.30		1479.5							
	OBS	00317	07.41	34.900	27.30		1485.7							
	OBS	00321	07.45	34.900	27.30		1486.0							
	OBS	00325	06.96	34.645	27.32		1486.0							
	OBS	00342	05.65	34.657	27.35		1478.8							
	OBS	00346	05.85	34.670	27.33		1475.7							
	OBS	00350	05.02	34.677	27.37		1478.9							
	OBS	00367	05.49	34.690	27.39		1478.6							
	OBS	00382	05.75	34.745	27.40		1480.0							
	OBS	00394	05.57	34.770	27.45		1479.5							
	OBS	00395	05.88	34.840	27.46		1481.0							
	STO	00400	05.88	34.84	27.46	00.393	1480.9							
	OBS	00405	05.80	34.810	27.45		1480.7							
	OBS	00420	05.71	34.830	27.48		1480.6							
	OBS	00424	05.37	34.825	27.51		1475.3							
	OBS	00453	05.10	34.810	27.53		1478.6							
	OBS	00485	04.98	34.830	27.56		1478.8							
	OBS	00493	04.67	34.860	27.62		1477.6							
	OBS	00496	04.69	34.880	27.61		1476.6							
	STO	00500	04.90	34.88	27.61	00.454	1478.7							
	OBS	00500	04.90	34.880	27.61		1478.7							
	OBS	00550	05.01	34.880	27.60		1480.0							
	STO	00600	04.90	34.90	27.63	00.509	1480.4							
	OBS	00601	04.90	34.896	27.63		1480.4							
	OBS	00614	05.05	34.910	27.62		1481.2							
	OBS	00651	04.74	34.910	27.66		1480.6							
	STO	00700	04.52	34.89	27.67	00.561	1480.4							
	OBS	00702	04.51	34.894	27.67		1480.4							
	OBS	00750	04.37	34.870	27.66		1480.6							
	STO	00800	04.21	34.51	27.71	00.610	1480.8							
	OBS	00801	04.21	34.510	27.71		1480.9							
	OBS	00850	04.17	34.500	27.71		1481.5							
	STO	00900	04.15	34.85	27.71	00.656	1482.2							
	OBS	00906	04.15	34.890	27.70		1482.3							
	OBS	00953	04.13	34.870	27.69		1483.0							
	STO	01000	04.10	34.87	27.69	00.708	1483.7							
	OBS	01001	04.10	34.870	27.69		1483.7							
	STO	01100	02.96	34.90	27.73	00.757	1484.8							
	OBS	01100	03.96	34.900	27.73		1484.8							
	STO	01200	03.93	34.90	27.74	00.805	1486.3							
	OBS	01201	03.93	34.902	27.74		1486.3							
	OBS	01208	03.92	34.910	27.74		1486.4							
	OBS	01216	03.93	34.903	27.74		1486.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 4255	YEAR 1973	BOATOP 33493	AIR TEMP 13.8	DJR MGT PER	WIND-OIR 14	INST STO RECORDER	TEN SQ 1334
CONSEC 0158	MONTH 06	SHIP EV	WET BULB 11.8	24 5 2	WIND-SPD 24	TRACE DIR 0	5 SQUARE 2
LAT 44 04.5N	DAY 18	DATA USE 1	BAROMETER 1033.9	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 147 45 W	MOOR 19.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 343	1 SQUARE 47

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DTN/PTH	SND VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
19.2	STO	00000	13.64	34.52	26.33	00.000	1491.8							
	085	00005	13.64	34.520	26.33		1491.9							
	STO	00010	13.64	34.53	26.34	00.017	1492.0							
	085	00011	13.64	34.530	26.34		1492.0							
	085	00019	13.79	34.812	26.69		1492.3							
	STO	00023	13.83	34.87	26.75	00.032	1493.4							
	085	00023	13.81	34.500	26.75		1493.5							
	085	00022	13.81	34.897	26.75		1493.5							
	STO	00033	13.91	35.10	26.89	00.045	1494.3							
	085	00032	13.92	35.150	26.93		1494.4							
	085	00349	13.56	35.160	27.00		1493.4							
	STO	00050	13.55	35.16	27.00	00.067	1493.4							
	STO	00075	13.15	34.95	26.93	00.095	1492.2							
	STO	00100	09.76	34.50	26.54	00.124	1491.0							
	085	00112	09.56	34.650	26.96		1490.5							
	085	00114	39.44	34.850	26.98		1490.1							
	085	00116	08.56	34.815	27.00		1488.2							
	085	00121	08.16	34.685	27.02		1485.1							
	STO	00125	07.88	34.67	27.05	00.151	1484.1							
	085	00125	07.64	34.670	27.06		1483.5							
	085	00133	07.69	34.650	27.10		1483.5							
	085	00146	06.57	34.445	27.10		1479.1							
	STO	00150	06.43	34.46	27.11	00.176	1478.4							
	085	00150	06.36	34.475	27.11		1478.4							
	085	00177	06.25	34.465	27.11		1478.4							
	085	00188	06.30	34.450	27.13		1478.7							
	085	00196	06.77	34.550	27.15		1480.8							
	STO	00200	06.57	34.63	27.15	00.225	1481.7							
	085	00205	07.15	34.675	27.16		1482.7							
	085	00226	07.18	34.650	27.14		1483.3							
	STO	00250	07.14	34.70	27.18	00.272	1483.3							
	085	00251	07.14	34.700	27.18		1483.3							
	085	00276	07.73	34.820	27.20		1486.1							
	085	00281	07.82	34.870	27.22		1486.7							
	085	00297	07.48	34.825	27.23		1485.6							
	085	00298	07.53	34.823	27.23		1485.7							
	STO	00300	07.53	34.83	27.23	00.318	1485.8							
	085	00308	07.71	34.930	27.26		1486.7							
	085	00327	07.55	34.505	27.28		1486.6							
	085	00333	07.29	34.900	27.32		1485.5							
	085	00350	07.33	34.880	27.30		1485.8							
	STO	00400	06.54	34.85	27.42	00.400	1483.7							
	085	00401	06.52	34.850	27.42		1483.6							
	085	00424	06.25	34.683	27.45		1482.9							
	085	00432	05.96	34.500	27.50		1481.9							
	085	00434	05.96	34.900	27.50		1481.9							
	085	00453	05.63	34.880	27.53		1480.9							
	STO	00500	05.10	34.88	27.59	00.465	1479.5							
	085	00504	05.07	34.880	27.59		1479.4							
	085	00555	05.01	34.890	27.61		1480.1							
	085	00563	05.01	34.890	27.61		1480.2							
	085	00584	04.24	34.750	27.62		1477.2							
	085	00590	03.57	34.754	27.65		1476.2							
	STO	00600	03.52	34.75	27.65	00.515	1476.1							
	085	00601	03.91	34.785	27.65		1476.1							
	085	00603	03.50	34.790	27.65		1476.1							
	085	00651	04.10	34.820	27.65		1477.6							
	STO	00700	04.32	34.88	27.68	00.565	1479.6							
	085	00702	04.35	34.880	27.67		1479.6							
	085	00721	04.65	34.850	27.65		1481.3							
	085	00761	04.60	34.510	27.67		1481.8							
	STO	00800	04.54	34.90	27.67	00.620	1482.2							
	085	00801	04.53	34.930	27.67		1482.2							
	085	00803	04.51	34.505	27.68		1482.1							
	085	00829	04.83 P	34.503	27.64									
	085	00879	04.67	34.900	27.66		1484.1							
	STO	00900	04.62	34.50	27.66	00.673	1484.2							
	085	00900	04.62	35.01 P	27.750									
	085	00944	04.57	34.510	27.70		1484.4							
	STO	01000	04.26	34.51	27.69	00.725	1484.4							
	085	01001	04.25	34.500	27.69		1484.8							
	STO	01100	04.12	34.55	27.71	00.776	1485.4							
	085	01100	04.12	34.650	27.71		1485.4							
	STO	01200	04.00	34.88	27.71	00.827	1486.6							
	085	01201	04.00	34.880	27.71		1486.6							
	085	01214	03.57	34.875	27.71		1486.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N D O C S T A T I O N O A T A

REF ID 31 0355 YEAR 1973 BOTOP 03548 AIR TEMP 12.1 DIR MGT PER WIND-OIR 24 INST STO RECORDER TEN SD 1300
CONSEC 0159 MONTH 06 SHIP EV WET BULB 09.9 07 4 2 WIND-SPO 22 TRACE OIR 0 9 SQUARE 2
LAT 44 13 N DAY 18 DATA USE 1 BAROMETR 1003.1 SEA CL/TR WIND-FOR DURATION 2 SQUARE 40
LONG 047 42.5W HOUR 23.0 AREA 05 CLOUD T/A WEATHER X2 ORIG 011 344 1 SQUARE 47

CASSTN/M/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	QYNOPHT	SHD VEL	OXYG	PO4	TOT P	MG2	NO3	SIO3	Ph
23.0	STO	00000	08.72	35.65	26.13	00.000	1463.9							
	005	00001	08.72	35.650	26.13		1463.9							
	STO	00010	08.75	33.71	26.17	00.015	1484.2							
	005	00011	08.75	33.727	26.18		1484.3							
	005	00013	08.74	33.755	26.21		1484.3							
	005	00015	09.49	34.345	26.55		1487.9							
	005	00019	10.83	35.027	26.85		1493.6							
	STO	00020	10.87	35.07	26.87	00.034	1493.9							
	005	00022	10.97	35.154	26.92		1494.4							
	STO	00030	10.61	35.15	26.98	00.045	1493.3							
	005	00030	10.59	35.150	26.98		1493.2							
	STO	00050	10.31	35.09	26.98	00.067	1492.5							
	005	00051	10.26	35.077	26.99		1492.3							
	005	00059	05.89	35.012	27.30		1471.0							
	005	00060	05.83	35.015	27.01		1490.8							
	005	00062	05.46	34.922	27.00		1489.3							
	005	00068	05.74	34.895	27.02		1488.6							
	005	00070	08.23	34.705	27.03		1484.6							
	005	00072	08.14	34.757	27.08		1484.3							
	005	00074	07.67	34.660	27.06		1482.4							
	STO	00075	07.62	34.65	27.07	00.094	1482.2							
	005	00076	07.47	34.620	27.07		1481.7							
	005	00081	07.41	34.620	27.08		1481.5							
	005	00085	07.17	34.570	27.08		1480.6							
	005	00091	07.42	34.680	27.13		1481.8							
	STO	00100	07.63	34.65	27.10	00.119	1482.8							
	005	00103	07.65	34.650	27.10		1482.8							
	STO	00125	07.57	34.69	27.11	00.143	1482.9							
	005	00125	07.56	34.689	27.12		1482.9							
	005	00135	07.41	34.665	27.12		1482.5							
	005	00144	06.50	34.547	27.10		1483.4							
	STO	00150	06.91	34.54	27.09	00.168	1483.6							
	005	00150	06.51	34.540	27.09		1480.6							
	005	00154	06.91	34.550	27.08		1480.6							
	005	00155	06.39	34.513	27.14		1478.6							
	005	00169	06.41	34.527	27.15		1478.9							
	005	00171	06.10	34.470	27.14		1477.6							
	005	00175	06.08	34.482	27.15		1477.6							
	005	00176	06.08	34.467	27.16		1477.7							
	005	00184	05.71	34.430	27.16		1476.2							
	STO	00200	05.72	34.43	27.16	00.217	1476.5							
	005	00201	05.73	34.434	27.16		1476.6							
	005	00228	06.23	34.540	27.18		1479.1							
	005	00239	07.03	34.687	27.19		1482.7							
	STO	00250	07.04	34.69	27.19	00.263	1482.9							
	005	00251	07.04	34.685	27.19		1482.9							
	005	00272	07.75	34.875	27.23		1486.3							
	005	00281	06.05	35.000	27.28		1487.9							
	005	00285	07.95	34.950	27.29		1487.5							
	005	00297	07.44	34.885	27.29		1485.5							
	STO	00300	07.22	34.83	27.28	00.308	1484.6							
	005	00300	07.16	34.820	27.28		1484.4							
	005	00350	06.43	34.820	27.38		1482.3							
	005	00352	06.25	34.825	27.40		1481.8							
	005	00357	05.79	34.775	27.42		1479.8							
	005	00364	05.85	34.870	27.45		1480.8							
	005	00367	05.55	34.820	27.48		1479.7							
	STO	00400	05.54	34.83	27.49	00.383	1479.6							
	005	00401	05.53	34.830	27.50		1479.4							
	005	00451	05.44	34.850	27.56		1480.1							
	STO	00500	05.03	34.89	27.61	00.443	1479.2							
	005	00503	05.03	34.893	27.61		1479.2							
	005	00555	05.08	34.910	27.62		1480.4							
	STO	00600	04.89	34.98	27.69	00.495	1480.4							
	005	00603	04.68	34.980	27.69		1480.4							
	005	00651	04.71	34.945	27.69		1480.5							
	STO	00700	04.73	34.92	27.67	00.545	1481.3							
	005	00700	04.73	34.99 P	27.720									
	005	00753	04.49	34.96 P	27.720									
	STO	00800	04.42	34.90	27.68	00.596	1481.7							
	005	00831	04.42	34.900	27.68		1481.7							
	005	00885	04.37	34.900	27.69		1482.9							
	STO	00900	04.30	34.91	27.70	00.646	1482.9							
	005	00900	04.30	34.906	27.70		1482.9							
	005	00951	04.21	34.895	27.70		1483.5							
	STO	01000	04.12	34.88	27.70	00.696	1483.8							
	005	01001	04.12	34.880	27.70		1483.8							
	STO	01100	03.94	34.90	27.73	00.744	1484.7							
	005	01100	03.94	34.900	27.73		1484.7							
	STO	01200	03.93	34.90	27.74	00.792	1486.3							
	005	01201	03.92	34.905	27.74		1486.3							
	005	01204	03.90	34.900	27.74		1486.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

				N O D C S T A T I O N D A T A										
REFID 31	8:55	YEAR 1973	80TOP 03564	AIR TEMP 08.0	DIR MGT PER	WIND-01R 05	INST STO RECORDER	TEN SQ 1506						
CONSEC 0160	MONTH 06	SHIP EV	WET HULB 07.0	05 5 2	WIND-SPO 43	TRACE DIR	0	5 SQUARE 2						
LAT 27.5N	DAY 15	DATA USE 1	BAROMETR 1004.9	SEA	WIND-FOR	DURATION		2 SQUARE 46						
LONG 047 35.5W	MOJR 01.6	AREA 05	CLOUD T/A	CL/7R	WEATHER X6	ORIG 011 345		1 SQUARE 47						
CASSTNM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTM	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	06.22	33.65	26.21									
01.9	065	00003	08.22	33.653	26.21	00.000	1482.0							
	085	00007	08.23	33.640	26.19		1482.1							
	STO	00010	08.24	33.64	26.19	00.018	1482.2							
	085	00011	08.24	33.650	26.20		1482.3							
	STO	00020	08.25	33.82	26.33	00.036	1482.7							
	085	00022	08.25	33.855	26.36		1482.8							
	085	00024	08.25	33.870	26.37		1482.8							
	085	00026	08.42	34.502	26.68		1484.1							
	STO	00030	09.08	34.63	26.79	00.051	1486.1							
	085	00030	09.45	34.660	26.80		1486.4							
	085	00036	09.03	34.635	26.65		1486.9							
	085	00038	06.19	34.500	26.87		1483.6							
	STO	00050	06.64	34.47	27.07	00.074	1477.8							
	085	00051	06.55	34.470	27.08		1477.4							
	085	00062	06.55	34.511	27.12		1477.7							
	085	00064	06.76	34.547	27.11		1478.7							
	085	00072	07.19	34.645	27.13		1480.5							
	STO	00075	07.25	34.65	27.13	00.098	1480.6							
	085	00076	07.27	34.655	27.13		1480.9							
	085	00081	07.24	34.645	27.13		1480.9							
	085	00085	06.64	34.547	27.13		1478.4							
	085	00097	06.90	34.617	27.13		1479.7							
	085	00095	07.36	34.675	27.14		1481.7							
	STO	00100	07.36	34.69	27.14	00.122	1481.7							
	085	00100	07.36	34.690	27.14		1481.7							
	085	00116	07.02	34.640	27.15		1480.6							
	STO	00125	07.21	34.67	27.15	00.146	1481.5							
	085	00125	07.22	34.670	27.15		1481.5							
	085	00135	07.22	34.660	27.14		1481.7							
	085	00140	06.54	34.630	27.16		1480.6							
	STO	00150	07.19	34.67	27.15	00.169	1481.8							
	085	00150	07.20	34.670	27.15		1481.9							
	085	00175	07.28	34.670	27.14		1482.6							
	STO	00200	07.32	34.74	27.19	00.216	1483.2							
	085	00203	07.35	34.762	27.20		1485.6							
	085	00220	07.52	34.507	27.23		1486.1							
	085	00224	07.38	34.810	27.24		1484.0							
	085	00228	07.41	34.830	27.25		1484.2							
	085	00230	07.35	34.810	27.23		1484.1							
	085	00236	07.63	34.890	27.28		1485.2							
	085	00239	07.36	34.830	27.25		1484.2							
	085	00245	07.26	34.824	27.26		1483.5							
	STO	00250	06.79	34.82	27.32	00.259	1482.1							
	085	00255	06.73	34.810	27.33		1481.9							
	085	00257	06.84	34.830	27.33		1482.4							
	085	00276	06.67	34.525	27.35		1462.1							
	085	00289	06.53	34.820	27.36		1481.7							
	STO	00300	05.23	34.61	27.36	00.298	1476.4							
	085	00304	04.50	34.560	27.36		1475.0							
	085	00324	05.50	34.770	27.45		1478.2							
	085	00335	06.00	34.666	27.47		1460.4							
	085	00352	06.45	34.557	27.48		1462.8							
	085	00354	06.12	34.583	27.47		1461.3							
	085	00365	05.75	34.830	27.47		1479.8							
	085	00352	05.02	34.680	27.56		1476.6							
	085	00357	05.07	34.820	27.55		1477.6							
	STO	00400	05.11	34.84	27.56	00.366	1477.8							
	085	00405	05.23	34.880	27.57		1478.5							
	085	00411	05.37	34.530	27.57		1479.2							
	085	00418	04.58	34.780	27.57		1475.9							
	085	00451	04.67	34.825	27.60		1478.8							
	085	00477	04.87	34.860	27.62		1478.2							
	085	00485	04.82	34.880	27.62		1478.2							
	085	00491	04.57	34.858	27.63		1477.1							
	085	00494	04.60	34.880	27.65		1477.4							
	STO	00500	04.64	34.85	27.65	00.420	1477.6							
	085	00500	04.64	34.886	27.65		1477.6							
	085	00506	04.44	34.870	27.66		1476.9							
	085	00514	04.37	34.85 P	27.680		1476.9							
	085	00531	04.50	34.878	27.66		1477.5							
	085	00550	04.74	34.88 P	27.630		1477.5							
	STO	00600	04.63	34.51	27.67	00.471	1475.3							
	085	00601	04.63	34.610	27.67		1479.3							
	085	00656	04.55	34.910	27.68		1475.9							
	085	00666	04.55	34.610	27.68		1475.9							
	085	00675	04.51	33.660	26.69		1478.4							
	085	00681	04.49	34.610	27.68		1480.0							
	STO	00700	04.45	34.51	27.68	00.521	1480.3							
	085	00715	04.45	34.910	27.66		1480.6							
	085	00751	04.42	34.407	27.69		1480.5							
	STO	00800	04.41	34.50	27.68	00.571	1481.7							
	085	00809	04.40	34.500	27.65		1481.8							
	085	00850	04.29	34.502	27.70		1482.0							
	STO	00900	04.24	34.50	27.70	00.620	1482.6							
	085	00900	04.24	34.500	27.70		1482.6							
	085	00951	04.12	34.686	27.70		1483.0							
	STO	01000	04.13	34.85	27.71	00.670	1483.8							
	085	01001	04.13	34.850	27.71		1483.8							
	STO	01100	03.47	34.85	27.72	00.715	1484.8							
	085	01100	03.47	34.850	27.72		1484.8							
	085	01176	03.40	34.410	27.75		1460.8							
	STO	01200	03.51	34.51	27.75	00.767	1460.3							
	085	01201	03.51	34.510	27.75		1466.2							
	085	01216	02.43	34.67 P	27.710									

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

M O O C S T A T I O N O A T A

REFID 34 8355	YEAR 1973	BJTOP 03471	AIR TEMP 07.6	DIR MGT PER	WIND-DIR 27	INST MANSEN CAST	TEN SQ 1306
CONSEC 0161	MONTH 06	SHIP EV	WET BULB 05.5	26 4 3	WIND-SPD 22	TRACE DIR	5 SQUARE 2
LAT 44 33 N	DAY 15	DATA USE 1	BAROMETR 1011.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 41.5W	MOJR 10.3	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X2	ORIG 011 346	1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	03.39	32.81	26.13	00.000	1461.3							
10.3	OBS	00000	03.39	32.808	26.13		1461.3							
	STO	00010	02.23	32.90	26.30	00.018	1456.6							
	STO	00020	01.32	33.00	26.44	00.035	1452.8							
	STO	00030	00.67	33.10	26.56	00.050	1450.2							
10.3	OBS	00035	00.44	33.153	26.62		1445.3							
	STO	00050	00.42	33.33	26.76	00.078	1445.7							
10.3	OBS	00065	00.41	33.463	26.87		1450.1							
	STO	00075	00.20	33.51	26.91	00.108	1449.4							
	STO	00100	- 0.17	33.61	27.02	00.136	1448.2							
10.3	OBS	00100	- 0.17	33.611	27.02		1448.2							
	STO	00125	- 0.07	33.68	27.07	00.162	1445.2							
	STO	00150	00.05	33.75	27.12	00.186	1450.2							
10.3	OBS	00155	00.27	33.879	27.21		1452.2							
	OBS	00655	04.22	34.928	27.73		1478.5							
	STO	00700	04.20	34.95	27.73		1479.1							
	STO	00800	04.14	34.95	27.74		1480.6							
	STO	00900	04.06	34.93	27.74		1482.0							
	STO	01000	04.03	34.93	27.75		1483.5							
10.3	OBS	01045	04.01	34.932	27.75		1484.1							

REFID 31 8355	YEAR 1973	BJTOP 03365	AIR TEMP 09.2	DIR MGT PER	WIND-DIR 26	INST MANSEN CAST	TEN SQ 130A
CONSEC 0162	MONTH 06	SHIP EV	WET BULB 07.2	34 3 2	WIND-SPD 20	TRACE DIR	5 SQUARE 2
LAT 44 41 N	DAY 15	DATA USE 1	BAROMETR 1014.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 42.5W	MOJR 14.2	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER X2	ORIG 011 347	1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	05.04	32.50	26.03	00.000	1468.4							
14.2	OBS	00000	05.04	32.505	26.03		1468.4							
	STO	00010	04.86	32.53	26.07	00.020	1467.9							
	STO	00020	04.65	32.56	26.12	00.035	1467.3							
	STO	00030	04.51	32.58	26.15	00.058	1468.8							
14.2	OBS	00034	04.44	32.555	26.17		1466.6							
	STO	00050	01.57	33.31	26.68	00.090	1456.9							
14.2	OBS	00063	00.16	33.519	26.93		1445.0							
	STO	00075	00.20	33.63	27.01	00.121	1449.6							
14.2	OBS	00097	00.36	33.822	27.16		1450.9							
	STO	00100	00.40	33.84	27.17	00.145	1451.2							
	STO	00125	00.81	34.01	27.28	00.166	1453.6							
	STO	00150	01.29	34.17	27.38	00.185	1456.4							
14.2	OBS	00150	02.21	34.410	27.50		1461.5							
	STO	00200	02.58	34.48	27.53	00.218	1463.4							
	STO	00250	04.00	34.75	27.61	00.245	1470.6							
14.2	OBS	00253	04.06	34.764	27.61		1471.0							
	STO	00300	04.25	34.84	27.65	00.270	1472.8							
14.2	OBS	00380	04.46	34.927	27.70		1474.9							
	STO	00400	04.40	34.93	27.71	00.316	1475.0							
	STO	00500	04.18	34.92	27.72	00.355	1475.7							
14.2	OBS	00506	04.17	34.917	27.72		1475.8							
	STO	00600	04.17	34.94	27.74	00.402	1477.4							
14.2	OBS	00636	04.14	34.943	27.75		1477.9							
	STO	00700	04.00	34.93	27.75	00.445	1478.3							
14.2	OBS	00761	03.91	34.927	27.76		1479.0							
	STO	00800	03.92	34.93	27.76	00.487	1479.6							
	STO	00900	03.93	34.94	27.77	00.525	1481.4							
	STO	01000	03.95	34.95	27.77	00.572	1483.1							
14.2	OBS	01007	03.95	34.946	27.77		1483.2							
	STO	01100	03.91	34.94	27.77	00.615	1484.6							
	STO	01200	03.83	34.94	27.78	00.659	1486.0							
14.2	OBS	01246	03.78	34.942	27.78		1486.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOATOP 01022	AIR TEMP 11.0	DIA HGT PER	WIND-DIR 30	INST NANSSEN CAST	TEM SQ 1306
CONSEC 0165	MONTH 06	SHIP EV	WET BULB 07.1	12 6 2	WIND-SPO 20	TRACE DIR	5 SQUARE 2
LBT 44 50.3N	DAY 19	DATA USE 1	BAROMETR 1017.5	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 44 W	MOJR 18.2	AREA 05	CLOUD T/A 6/3	CL/TR	WEATHER X2	ORIG 011 348	1 SQUARE 47

CASTNO/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OVNPTH	SNO VEL	DAYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	05.98	32.99	25.99	00.000	1472.3							
18.2	085	00000	05.98	32.988	25.95		1472.3							
	STO	00010	05.54	32.95	25.95	00.020	1472.3							
	STO	00020	05.50	32.58	25.99	00.041	1472.3							
14.2	085	00028	05.87	32.580	26.00		1472.3							
	STO	00030	05.14	33.02	26.12	00.060	1469.5							
	STO	00050	00.44	33.43	26.84	00.091	1450.0							
18.2	085	00051	00.33	33.445	26.86		1449.5							
	STO	00075	01.71	33.85	27.10	00.115	1456.6							
18.2	085	00075	01.94	33.886	27.11		1457.8							
	STO	00100	00.45	33.89	27.21	00.142	1451.4							
18.2	085	00103	00.31	33.885	27.22		1450.9							
	STO	00125	00.30	33.99	27.28	00.163	1452.2							
	STO	00150	00.72	34.12	27.38	00.182	1453.8							
18.2	085	00154	00.76	34.146	27.40		1454.1							
	STO	00200	03.24	34.47	27.46	00.215	1466.2							
18.2	085	00205	03.45	34.504	27.47		1467.2							
	STO	00250	04.35	34.73	27.56	00.246	1472.1							
	STO	00300	04.84	34.88	27.62	00.273	1475.1							
18.2	085	00307	04.66	34.857	27.63		1475.4							
	STO	00400	04.02	34.86	27.69	00.321	1473.3							
18.2	085	00410	03.98	34.854	27.69		1473.3							
	STO	00500	04.08	34.90	27.72	00.365	1475.3							
18.2	085	00512	04.08	34.908	27.73		1475.5							
	STO	00600	04.04	34.91	27.74	00.406	1476.8							
18.2	085	00615	04.03	34.916	27.74		1477.0							
	STO	00700	04.02	34.93	27.75	00.450	1478.5							
	STO	00800	04.04	34.94	27.76	00.493	1480.2							
18.2	085	00824	04.04	34.942	27.76		1480.6							
	STO	00900	02.93	34.94	27.76	00.536	1481.3							
	STO	01000	03.80	34.93	27.77	00.575	1482.5							
18.2	085	01028	03.77	34.930	27.78		1482.8							
18.2	085	01040	03.56	34.946	27.81		1490.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOCC STATION DATA

REFID 11	B355	YEAR 1973	BDTOP 03078	AIR TEMP 08.2	OIR MGT PER	WIND-OIR 29	INST STO RECOROER	TEN SQ 1306
CONSEC 0164		MONTH 06	SHIP EV	WET GULB 06.1	05 3 2	WIND-SPO 18	TRACE OIR 0	5 SQUARE 2
LAT 44 53.54		DAY 19	DATA USE 1	BAROMETR 1019.2	SEA	WIND-FOR	OURATION	2 SQUARE 46
LONG 147 55.54		MOJR 22.5	AREA 05	CLOUD 1/A	CL/TR	WEATHER X2	ORIG 011 345	1 SQUARE 47

CASINJM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO YEL	OXYG	PO4	IOT P	MO2	MO3	SIO3	PH
22.5	STO	00000	04.87	32.82	25.99	00.000	1467.6							
	065	00003	04.87	32.824	25.99		1467.6							
	STO	00010	04.87	32.82	25.98	00.020	1467.7							
	085	00011	04.87	32.816	25.98		1467.7							
	STO	00020	04.85	32.82	25.99	00.041	1467.8							
	085	00022	04.84	32.825	25.99		1467.8							
	085	00026	04.29	32.779	26.02		1465.5							
	STO	00030	03.55	32.81	26.11	00.060	1462.5							
	085	00030	03.26	32.813	26.14		1461.3							
	085	00034	- 0.54	32.824	26.40		1444.3							
	085	00038	- 1.34	33.084	26.63		1441.0							
	085	00041	- 1.44	33.153	26.69		1440.7							
	STO	00050	- 1.20	33.30	26.80	00.092	1442.2							
	085	00053	- 1.05	33.323	26.82		1443.0							
	085	00057	- 0.84	33.328	26.81		1444.0							
	085	00060	- 0.87	33.345	26.63		1444.0							
	085	00064	- 0.56	33.397	26.86		1445.5							
	STO	00075	- 0.43	33.48	26.92	00.122	1446.4							
	085	00076	- 0.42	33.495	26.93		1446.5							
	085	00079	- 0.85	33.550	26.99		1444.7							
	085	00087	- 0.75	33.569	27.01		1445.3							
	085	00091	- 0.02	33.710	27.09		1448.9							
	STO	00100	00.22	33.80	27.15	00.140	1450.3							
	085	00102	00.30	33.817	27.16		1450.7							
	085	00106	00.20	33.825	27.17		1450.3							
	085	00110	00.31	33.895	27.22		1451.0							
	085	00114	00.69	33.910	27.21		1452.8							
	085	00118	00.75	33.910	27.21		1453.1							
	085	00121	01.10	34.011	27.27		1454.9							
	STO	00129	01.16	34.07	27.31	00.165	1455.3							
	085	00125	01.12	34.085	27.24		1455.6							
	085	00129	01.96	34.173	27.33		1456.1							
	085	00133	02.03	34.175	27.33		1456.5							
	085	00137	01.37	34.153	27.36		1456.6							
	085	00144	01.86	34.180	27.35		1456.9							
	STO	00150	01.98	34.22	27.37	00.187	1459.6							
	085	00152	02.01	34.237	27.38		1459.8							
	085	00171	01.55	34.250	27.43		1458.1							
	085	00175	01.60	34.230	27.41		1458.3							
	STO	00200	02.18	34.42	27.51	00.220	1461.5							
	085	00201	02.22	34.431	27.52		1461.8							
	085	00226	02.88	34.570	27.57		1465.3							
	085	00235	04.13	34.740	27.59		1471.0							
	STO	00250	04.15	34.73	27.58	00.245	1471.2							
	085	00251	04.15	34.730	27.58		1471.3							
	085	00255	04.16	34.810	27.64		1471.5							
	085	00277	04.30	34.894	27.67		1473.4							
	085	00281	04.65	34.920	27.67		1474.1							
	085	00285	04.48	34.875	27.66		1473.5							
	STO	00300	04.55	34.67	27.64	00.274	1473.9							
	085	00300	04.56	34.870	27.64		1474.0							
	085	00350	04.71	34.930	27.67		1475.5							
	STO	00400	04.63	34.92	27.67	00.323	1476.0							
	085	00403	04.62	34.916	27.67		1476.0							
	085	00453	04.44	34.920	27.70		1476.1							
	STO	00500	04.14	34.94	27.75	00.367	1475.6							
	085	00502	04.13	34.940	27.75		1475.6							
	085	00552	04.15	34.920	27.73		1476.5							
	STO	00600	04.14	34.92	27.73	00.405	1477.3							
	085	00601	04.14	34.924	27.73		1477.3							
	085	00651	04.01	34.913	27.74		1477.5							
	STO	00700	03.93	34.94	27.77	00.451	1478.0							
	085	00700	03.93	34.942	27.77		1478.1							
	085	00750	03.51	34.928	27.76		1478.8							
	STO	00800	03.55	34.93	27.75	00.493	1475.9							
	085	00803	03.55	34.932	27.75		1480.0							
	085	00852	03.53	34.927	27.76		1480.6							
	STO	00900	03.86	34.92	27.76	00.536	1481.1							
	085	00902	03.86	34.922	27.76		1481.1							
	085	00951	03.86	34.930	27.77		1481.9							
	STO	01000	03.79	34.92	27.77	00.579	1482.4							
	085	01001	03.79	34.920	27.77		1482.4							
	STO	01100	03.73	34.92	27.77	00.622	1483.8							
	085	01100	03.73	34.920	27.77		1483.8							
	STO	01200	03.74	34.93	27.78	00.666	1485.6							
	085	01203	03.74	34.927	27.78		1485.6							
	STO	01300	03.70	34.94	27.75	00.709	1487.1							
	085	01302	03.70	34.940	27.75		1487.1							
	STO	01400	03.65	34.94	27.80	00.753	1488.6							
	085	01401	03.65	34.940	27.80		1488.6							
	STO	01500	03.59	34.94	27.80	00.796	1490.0							
	085	01500	03.59	34.940	27.80		1490.0							
	085	01602	03.54	34.940	27.81		1491.5							
	085	01701	03.45	34.940	27.82		1492.8							
	STO	01750	03.40	34.94	27.82	00.904	1493.4							
	085	01800	03.36	34.940	27.82		1494.1							
	085	01903	03.30	34.940	27.83		1495.6							
	STO	02000	03.23	34.94	27.84	01.011	1496.9							
	085	02002	03.23	34.940	27.84		1497.0							
	085	02101	03.16	34.940	27.84		1496.4							
	085	02200	03.09	34.940	27.85		1499.8							
	085	02303	03.02	34.930	27.85		1501.2							
	085	02402	02.53	34.930	27.86		1502.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

H O O C S T A T I O N D A T A

REF ID	31	8355	YEAR	1973	60TOP	02019	AIR TEMP	05.0	OIR	MGT	PER	WIND-OIR	25	INST	STO	RECORDER	TEM	SD	1306	
CONSEC		0105	MONTH	06	SHIP	EV	MET	BULB	34.7	33	1	2	WIND-SPD	10	TRACE	OIR	0	5	SQUARE	2
LAT	44	50	N	DAY	20	DATA	USE	1	SEA			WIND-FOR		DURATION			2	SQUARE	48	
LONG	048	15	W	MOON	01.7	AREA	05		CLOUD	T/A	CL/TR	WEATHER	XD	ORIG	011	350	1	SQUARE	48	

CAST/NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SMD VEL	OXYG	P34	TOT P	M02	M03	S103	PH
	STO	00000	04.51	32.67	26.06	00.000	1466.1							
01.7	085	00005	04.51	32.870	26.06		1466.2							
	STO	00010	04.50	32.87	26.07	00.020	1466.3							
	085	00011	04.50	32.870	26.07		1466.3							
	STO	00020	04.51	32.87	26.06	00.039	1466.5							
	085	00022	04.51	32.870	26.06		1466.5							
	085	00026	04.49	32.870	26.07		1466.5							
	STO	00030	04.50	32.87	26.15	00.056	1466.6							
	085	00030	04.51	32.870	26.16		1466.6							
	085	00034	03.30	32.666	26.17		1461.9							
	085	00038	01.92	32.900	26.32		1455.7							
	085	00041	00.01	33.210	26.68		1447.5							
	085	00045	- 0.54	33.330	26.80		1445.2							
	STO	00050	- 0.55	33.44	26.89	00.089	1445.4							
	085	00053	- 0.55	33.510	26.95		1445.6							
	085	00068	- 0.01	33.710	27.09		1448.6							
	STO	00075	00.03	33.77	27.13	00.115	1449.0							
	085	00076	00.04	33.780	27.14		1449.0							
	STO	00100	00.44	34.01	27.30	00.137	1451.6							
	085	00102	00.58	34.020	27.31		1452.3							
	085	00110	01.07	34.040	27.29		1454.6							
	085	00116	02.06	34.180	27.33		1459.4							
	085	00121	01.39	34.160	27.37		1456.4							
	STO	00125	01.30	34.16	27.37	00.155	1456.1							
	085	00125	01.29	34.164	27.38		1456.0							
	085	00140	01.85	34.255	27.41		1458.9							
	085	00144	02.24	34.365	27.47		1460.8							
	085	00148	03.22	34.520	27.50		1465.3							
	STO	00150	03.42	34.53	27.50	00.174	1466.2							
	085	00152	03.68	34.555	27.49		1467.4							
	085	00156	04.02	34.582	27.47		1468.9							
	085	00167	03.79	34.590	27.50		1468.2							
	085	00175	03.38	34.587	27.54		1466.6							
	085	00178	03.56	34.615	27.55		1467.4							
	085	00184	04.01	34.680	27.55		1469.5							
	STO	00200	04.25	34.72	27.56	00.201	1470.8							
	085	00201	04.27	34.718	27.56		1470.5							
	085	00205	04.25	34.722	27.56		1470.9							
	085	00213	05.64	34.652	27.57		1468.4							
	085	00224	03.27	34.590	27.55		1466.9							
	085	00228	03.25	34.598	27.56		1466.9							
	085	00239	03.52	34.748	27.66		1468.4							
	085	00243	04.11	34.830	27.66		1471.1							
	085	00247	04.37	34.860	27.66		1472.3							
	STO	00250	04.34	34.86	27.66	00.227	1472.2							
	085	00266	04.06	34.833	27.67		1471.3							
	085	00274	03.89	34.800	27.66		1470.6							
	085	00277	04.20	34.870	27.68		1472.1							
	085	00289	04.29	34.670	27.67		1472.7							
	STO	00300	04.58	34.93	27.69	00.250	1474.1							
	085	00300	04.54	34.932	27.69		1474.2							
	085	00306	04.61	34.950	27.69		1474.4							
	085	00316	04.41	34.915	27.70		1473.7							
	085	00350	04.27	34.895	27.70		1475.6							
	STO	00400	04.48	34.93	27.70	00.294	1475.4							
	085	00403	04.49	34.935	27.70		1475.5							
	085	00453	04.56	34.930	27.69		1476.6							
	STO	00500	04.58	34.92	27.70	00.335	1476.6							
	085	00506	04.37	34.916	27.70		1476.6							
	085	00552	04.56	34.920	27.71		1477.4							
	STO	00600	04.27	34.93	27.72	00.385	1477.8							
	085	00601	04.27	34.927	27.72		1477.8							
	085	00651	04.34	34.938	27.72		1478.9							
	STO	00700	04.20	34.95	27.75	00.428	1479.2							
	085	00700	04.20	34.950	27.75		1479.2							
	085	00753	03.88	34.920	27.76		1478.7							
	STO	00800	03.81	34.94	27.78	00.470	1479.2							
	085	00803	03.81	34.945	27.78		1479.3							
	085	00860	03.80	34.937	27.78		1480.2							
	STO	00900	03.77	34.91	27.76	00.511	1480.7							
	085	00902	03.77	34.910	27.76		1480.7							
	085	00951	03.72	34.915	27.77		1481.3							
	STO	01000	03.77	34.92	27.77	00.554	1482.3							
	085	01001	03.77	34.920	27.77		1482.4							
	STO	01100	03.67	34.92	27.78	00.597	1483.6							
	085	01100	03.67	34.920	27.78		1483.6							
	STO	01200	03.67	34.92	27.78	00.640	1485.3							
	085	01203	03.67	34.920	27.78		1485.3							
	085	01256	03.67	34.920	27.78		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 0355	YEAR 1973	BOTOP 01888	AIR TEMP 35.0	DIR MGT PER	WIND-DIR 25	INST STO RECORDER	TEN 50 1506
CONSEC 0160	MONTH 06	SHIP EV	WET 04.7	33 1 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 4-48 N	DAY 20	DATA USE 1	BAROMETER 1022.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 30 W	HOOR 04.3	AREA 05	CLOUD T/A	CL/TR	WEATHER XJ	ORIG 011 351	1 SQUARE 48

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S103	P4
04.3	STC	00000	03.97	33.40	26.54	00.000	1464.6							
	085	00000	03.97	33.400	26.54		1464.6							
	STC	00010	02.14	33.55	26.82	00.014	1457.1							
	085	00010	02.14	33.550	26.82		1457.1							
	STC	00020	01.79	33.59	26.88	00.026	1455.7							
	085	00020	01.79	33.590	26.88		1455.7							
	STC	00030	00.85	33.71	27.04	00.037	1451.9							
	085	00030	00.85	33.710	27.04		1451.9							
	STC	00045	00.36	33.850	27.18		1450.1							
	085	00045	00.36	33.850	27.18		1450.1							
	STC	00053	00.44	33.88	27.20	00.056	1450.6							
	085	00053	00.44	33.880	27.20		1450.6							
	STC	00075	01.07	34.18	27.40	00.075	1454.2							
	085	00075	01.07	34.180	27.40		1454.2							
	STC	00100	01.62	34.25	27.45	00.092	1457.3							
	085	00100	01.62	34.250	27.45		1457.3							
	STC	00125	02.07	34.46	27.56	00.107	1459.9							
	085	00125	02.07	34.460	27.56		1459.9							
	STC	00150	02.36	34.51	27.57	00.120	1461.6							
	085	00150	02.36	34.510	27.57		1461.6							
	STC	00200	02.65	34.66	27.67	00.145	1465.9							
	085	00200	02.65	34.660	27.67		1465.9							
	STC	00250	03.44	34.79	27.70	00.167	1468.3							
	085	00250	03.44	34.790	27.70		1468.3							
	STC	00300	04.22	34.89	27.70	00.186	1472.6							
	085	00300	04.22	34.890	27.70		1472.6							
	STC	00335	04.35	34.940	27.72		1473.8							
	085	00335	04.35	34.940	27.72		1473.8							
	STC	00360	04.31	34.950	27.72		1474.0							
	085	00360	04.31	34.950	27.72		1474.0							
	STC	00400	04.15	34.92	27.72	00.231	1474.1							
	085	00400	04.15	34.920	27.72		1474.1							
	STC	00500	04.30	34.91	27.74	00.273	1475.0							
	085	00500	04.30	34.910	27.74		1475.0							
	STC	00600	03.97	34.92	27.75	00.315	1476.5							
	085	00600	03.97	34.920	27.75		1476.5							
	STC	00700	03.82	34.91	27.75	00.357	1477.5							
	085	00700	03.82	34.910	27.75		1477.5							
	STC	00800	03.80	34.91	27.76	00.399	1479.1							
	085	00800	03.80	34.910	27.76		1479.1							
	STC	00900	03.62	34.93	27.77	00.441	1480.9							
	085	00900	03.62	34.930	27.77		1480.9							
	STC	01000	03.77	34.93	27.78	00.483	1482.4							
	085	01000	03.77	34.930	27.78		1482.4							
	STC	01100	03.74	34.93	27.78	00.524	1483.9							
	085	01100	03.74	34.930	27.78		1483.9							
	STC	01200	03.72	34.94	27.79	00.568	1485.5							
	085	01200	03.72	34.940	27.79		1485.5							
	STC	01250	03.71	34.940	27.79		1486.3							
	085	01250	03.71	34.940	27.79		1486.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	STATION 01415	AIR TEMP 04.5	OIR MOT PER	WIND-OIR 31	INST STO RECORDER	TEN 50 1306
CONSEC 0167	MONTH 06	SHIP EV	WET BULB 04.3	35 2 3	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 44 48.3N	DAY 23	DATA USE 1	BAROMETER 1022.6	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 44.5W	MOJA 06.3	AREA 05	CLOUD T/A	CL/TR	WEATHER 30	ORIG 011 352	1 SQUARE 46

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	DAYG	PC4	TOT P	MO2	MO3	S103	PH
06.3	STO	00003	02.45	32.65	26.08	00.000	1457.0							
	OBS	00003	02.45	32.650	26.08		1457.1							
	STO	00010	02.44	32.66	26.09	00.019	1457.2							
	OBS	00011	02.43	32.660	26.09		1457.1							
	STO	00020	02.21	32.66	26.11	00.039	1456.3							
	OBS	00022	02.14	32.660	26.11		1456.1							
	STO	00030	01.52	32.68	26.15	00.058	1455.2							
	OBS	00044	01.81	32.730	26.19		1454.9							
	OBS	00045	01.58	32.964	26.40		1454.4							
	OBS	00045	01.24	33.058	26.49		1453.0							
	STO	00050	01.08	33.06	26.50	00.092	1452.3							
	OBS	00053	00.41	33.052	26.58		1448.0							
	OBS	00057	- 0.86	33.200	26.71		1443.8							
	OBS	00066	- 1.11	33.337	26.83		1443.0							
	STO	00075	- 1.11	33.35	26.84	00.126	1443.1							
	OBS	00076	- 1.10	33.349	26.84		1443.2							
	OBS	00065	- 0.78	33.505	26.96		1443.2							
	STO	00100	- 0.54	33.53	26.97	00.155	1446.4							
	OBS	00102	- 0.44	33.559	26.99		1447.0							
	OBS	00110	- 0.36	33.680	27.08		1447.6							
	OBS	00114	00.09	33.807	27.16		1449.9							
	STO	00125	00.25	33.87	27.20	00.180	1450.5							
	OBS	00125	00.26	33.870	27.20		1451.0							
	OBS	00140	00.21	34.023	27.30		1453.5							
	OBS	00144	00.64	34.070	27.33		1454.1							
	OBS	00148	01.07	34.121	27.36		1455.4							
	STO	00150	01.12	34.14	27.37	00.200	1455.6							
	OBS	00152	01.15	34.170	27.39		1456.0							
	OBS	00175	01.48	34.246	27.43		1457.8							
	OBS	00175	01.60	34.300	27.44		1459.8							
	STO	00180	02.04	34.35	27.50	00.233	1461.1							
	OBS	00201	02.25	34.442	27.50		1462.2							
	OBS	00228	02.66	34.525	27.56		1464.5							
	OBS	00236	04.13	34.740	27.59		1470.9							
	OBS	00247	04.42	34.740	27.56		1472.3							
	STO	00250	04.44	34.74	27.56	00.262	1472.3							
	OBS	00266	04.23	34.720	27.56		1471.8							
	OBS	00277	04.00	34.710	27.58		1471.0							
	STO	00300	04.06	34.72	27.58	00.250	1471.7							
	OBS	00300	04.06	34.720	27.58		1471.7							
	OBS	00354	03.52	34.733	27.64		1470.3							
	STO	00400	03.56	34.86	27.70	00.335	1473.1							
	OBS	00403	03.58	34.870	27.71		1473.2							
	OBS	00453	04.08	34.860	27.69		1474.5							
	STO	00500	04.14	34.52	27.73	00.385	1475.6							
	OBS	00502	04.14	34.520	27.73		1475.6							
	OBS	00552	04.16	34.940	27.74		1476.6							
	STO	00600	04.04	34.93	27.75	00.425	1476.8							
	OBS	00601	04.04	34.530	27.75		1476.9							
	OBS	00651	03.95	34.940	27.76		1477.5							
	STO	00700	03.95	34.94	27.77	00.466	1478.1							
	OBS	00700	03.95	34.940	27.77		1478.1							
	OBS	00750	03.91	34.940	27.77		1478.8							
	STO	00800	03.68	34.94	27.77	00.507	1479.5							
	OBS	00803	03.88	34.940	27.77		1479.5							
	OBS	00852	03.81	34.930	27.77		1480.1							
	STO	00900	03.70	34.53	27.78	00.546	1480.4							
	OBS	00902	03.70	34.530	27.78		1480.4							
	OBS	00951	03.70	34.940	27.79		1481.3							
	STO	01000	03.67	34.94	27.75	00.588	1481.6							
	OBS	01001	03.67	34.940	27.75		1482.0							
	STO	01100	03.67	34.94	27.75	00.629	1483.6							
	OBS	01100	03.67	34.940	27.75		1483.6							
	STO	01200	03.68	34.94	27.79	00.671	1485.3							
	OBS	01203	03.68	34.940	27.79		1485.4							
	OBS	01225	03.68	34.945	27.80		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP	AIR TEMP 04.7	OIR MGT PER	WIND-DIR 26	INST STO RECORDER	TEN SJ 1306
CONSEC 0168	MONTH 06	SHIP EV	WET BULB 04.7	32 3 3	WIND-SPO 08	TRACE OIR 0	5 SQUARE 2
LAT 44 50 N	DAY 20	DATA USE 1	BARGMETR 1024.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 145 01 W	MOJA 05.1	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 353	1 SQUARE 49

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	OXYG	PD4	TGT P	NO2	NO3	SI03	PH
39.1	STD	00000	03.13	32.51	25.91	00.000	1459.8							
	OBS	00003	03.13	32.513	25.91		1459.5							
	OBS	00007	03.09	32.524	25.93		1459.8							
	STD	00010	02.93	32.54	25.95	00.021	1459.1							
	OBS	00011	02.84	32.547	25.97		1458.8							
	OBS	00019	02.36	32.632	26.07		1456.5							
	STD	00020	02.35	32.63	26.08	00.041	1456.5							
	OBS	00022	02.52	32.637	26.06		1456.8							
	OBS	00026	02.28	32.634	26.08		1456.7							
	STD	00030	01.61	32.60	26.10	00.060	1453.7							
	OBS	00030	01.50	32.593	26.10		1453.2							
	OBS	00034	00.64	32.774	26.30		1449.7							
	OBS	00036	00.31	32.617	26.35		1446.3							
	OBS	00041	- 0.30	32.855	26.42		1445.6							
	OBS	00045	- 0.47	32.850	26.41		1444.5							
	OBS	00049	- 0.92	32.922	26.49		1443.0							
	STD	00050	- 0.96	32.93	26.50	00.095	1442.8							
	OBS	00053	- 1.18	32.983	26.55		1441.9							
	OBS	00064	- 1.65	33.117	26.67		1440.0							
	STD	00075	- 1.59	33.13	26.68	00.131	1440.5							
	OBS	00076	- 1.59	33.131	26.68		1440.5							
	STD	00100	- 1.53	33.16	26.70	00.165	1441.1							
	OBS	00102	- 1.55	33.263	26.70		1441.2							
	STD	00125	- 1.52	33.21	26.74	00.198	1441.8							
	OBS	00125	- 1.52	33.211	26.74		1441.8							
	STD	00150	- 1.41	33.23	26.76	00.231	1442.8							
	OBS	00152	- 1.40	33.240	26.76		1442.8							
	OBS	00171	- 1.35	33.308	26.81		1443.5							
	STD	00200	- 0.65	33.70	27.12	00.287	1446.5							
	OBS	00200	- 0.85	33.700	27.12		1446.9							
	OBS	00225	- 0.05	33.920	27.26		1451.3							
	STD	00250	00.90	34.10	27.35	00.325	1456.3							
	OBS	00250	00.90	34.100	27.35		1456.5							
	OBS	00275	01.35	34.270	27.46		1458.5							
	STD	00300	01.75	34.45	27.57	00.361	1461.4							
	OBS	00300	01.75	34.450	27.57		1461.4							
	OBS	00350	03.99	34.700	27.57		1472.2							
	STD	00400	03.57	34.75	27.61	00.414	1473.0							
	OBS	00400	03.57	34.750	27.61		1473.0							
	OBS	00450	03.95	34.750	27.61		1473.7							
	STD	00500	03.56	34.82	27.67	00.464	1474.6							
	OBS	00500	03.56	34.820	27.67		1474.8							
	OBS	00550	03.96	34.860	27.70		1475.7							
	STD	00600	03.56	34.92	27.75	00.509	1476.6							
	OBS	00600	03.58	34.920	27.75		1476.6							
	OBS	00650	03.58	34.940	27.76		1477.4							
	STD	00700	03.58	34.94	27.76	00.551	1478.3							
	OBS	00700	03.58	34.940	27.76		1478.3							
	OBS	00750	03.56	34.940	27.76		1479.0							
	STD	00800	03.89	34.94	27.77	00.592	1479.5							
	OBS	00800	03.89	34.940	27.77		1479.5							
	OBS	00850	03.82	34.930	27.77		1480.1							
	STD	00900	03.75	34.93	27.78	00.633	1480.6							
	OBS	00900	03.75	34.930	27.78		1480.6							
	OBS	00950	03.70	34.940	27.75		1481.2							
	STD	01000	03.67	34.94	27.79	00.674	1481.5							
	OBS	01000	03.67	34.940	27.75		1481.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0355 YEAR 1973 BOTOP SHIP EV AIR TEMP 05.2 OIR MGT PER WIND-DIR 25 INST STO RECORDER TEN SW 1206
CONSEC 0169 MONTH 06 SHIP EV WET BULB 04.9 32 3 3 WIND-SPD 08 TRACE OIR 0 5 SQUARE 2
LAT 44 52 N DAY 20 DATA USE 1 BAROMETR 1024.2 SEA WIND-FOR DURATION 2 SQUARE 46
LONG 045 16 W HOUR 10.7 AREA 05 CLOUD 7/A CL/TR WEATHER A2 ORIG 011 354 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
10.7	STO	00000	04.29	32.45	25.76	00.000	1464.7							
	OBS	00000	04.29	32.455	25.76		1464.7							
	OBS	00005	03.09	32.545	25.94		1455.8							
	STO	00010	03.00	32.55	25.95	00.022	1459.4							
	OBS	00010	03.00	32.550	25.95		1459.4							
	STO	00020	02.19	33.13	26.48	00.040	1456.9							
	OBS	00020	02.19	33.125	26.48		1456.9							
	STO	00030	- 0.36	32.54	26.48	00.055	1445.3							
	OBS	00030	- 0.36	32.540	26.48		1445.3							
	OBS	00041	- 0.42	32.950	26.49		1445.2							
	STO	00050	- 1.34	33.11	26.65	00.085	1441.3							
	OBS	00050	- 1.34	33.113	26.65		1441.3							
	OBS	00060	- 1.33	33.135	26.67		1441.5							
	STO	00075	- 1.40	33.15	26.69	00.119	1441.5							
	OBS	00066	- 1.45	33.163	26.70		1441.4							
	STO	00100	- 1.52	33.17	26.71	00.155	1441.3							
	OBS	00110	- 1.52	33.173	26.71		1441.3							
	STO	00125	- 1.52	33.18	26.72	00.186	1444.7							
	OBS	00125	- 1.52	33.183	26.72		1441.7							
	STO	00150	- 1.50	33.22	26.75	00.219	1442.3							
	OBS	00150	- 1.50	33.220	26.75		1442.3							
	OBS	00175	- 1.33	33.300	26.81		1443.6							
	OBS	00179	- 1.35	33.350	26.85		1443.7							
	STO	00200	- 0.85	33.70	27.12	00.275	1446.9							
	OBS	00200	- 0.85	33.700	27.12		1446.9							
	OBS	00225	- 0.05	33.920	27.26		1451.3							
	STO	00250	00.50	34.10	27.35	00.317	1456.3							
	OBS	00250	00.50	34.100	27.35		1456.3							
	OBS	00275	01.35	34.270	27.46		1458.9							
	STO	00300	01.75	34.45	27.57	00.349	1461.4							
	OBS	00300	01.75	34.450	27.57		1461.4							
	OBS	00350	03.59	34.700	27.57		1472.2							
	STO	00400	03.57	34.75	27.61	00.402	1473.0							
	OBS	00400	03.97	34.750	27.61		1473.0							
	OBS	00450	03.95	34.750	27.61		1473.7							
	STO	00500	03.98	34.82	27.67	00.453	1474.8							
	OBS	00500	03.96	34.820	27.67		1474.8							
	OBS	00550	03.98	34.860	27.70		1475.7							
	STO	00600	03.98	34.92	27.75	00.498	1476.6							
	OBS	00600	03.96	34.920	27.75		1476.6							
	OBS	00650	03.98	34.940	27.76		1477.4							
	STO	00700	03.98	34.94	27.76	00.539	1478.3							
	OBS	00700	03.98	34.940	27.76		1478.3							
	OBS	00750	03.96	34.940	27.76		1479.0							
	STO	00800	03.89	34.94	27.77	00.580	1479.5							
	OBS	00800	03.89	34.940	27.77		1479.5							
	OBS	00850	03.62	34.930	27.77		1480.1							
	STO	00900	03.75	34.93	27.78	00.622	1480.6							
	OBS	00900	03.75	34.930	27.78		1480.6							
	OBS	00950	03.70	34.940	27.79		1481.2							
	STO	01000	03.67	34.94	27.79	00.662	1481.9							
	OBS	01000	03.67	34.940	27.79		1481.9							

REFID 31 0355 YEAR 1973 BOTOP 00058 SHIP EV AIR TEMP 05.8 OIR MGT PER WIND-DIR 24 INST STO RECORDER TEN SW 1306
CONSEC 0170 MONTH 06 SHIP EV WET BULB 08.2 06 2 2 WIND-SPD 14 TRACE OIR 0 5 SQUARE 2
LAT 44 35 N DAY 20 DATA USE 1 BAROMETR 1024.9 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 045 15 W HOUR 14.9 AREA 05 CLOUD 7/A CL/TR WEATHER X1 ORIG 011 355 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
14.9	STO	00000	03.75	32.52	25.86	00.000	1462.6							
	OBS	00000	03.75	32.520	25.86		1462.7							
	STO	00010	03.45	32.53	25.89	00.021	1461.5							
	OBS	00011	03.44	32.525	25.90		1461.3							
	STO	00020	03.40	32.54	25.91	00.042	1461.3							
	OBS	00022	03.34	32.538	25.92		1461.1							
	OBS	00026	03.23	32.541	25.93		1460.7							
	STO	00030	02.90	32.61	26.01	00.063	1455.4							
	OBS	00030	02.87	32.619	26.02		1455.3							
	OBS	00034	02.76	32.670	26.07		1455.0							
	OBS	00038	01.68	32.837	26.29		1454.5							
	OBS	00041	- 0.04	33.138	26.63		1447.2							
	OBS	00049	- 0.17	33.216	26.70		1446.8							
	STO	00050	- 0.17	33.21	26.70	00.057	1446.8							
	OBS	00053	- 0.18	33.210	26.69		1446.9							
	OBS	00057	- 0.17	33.210	26.69		1447.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REF ID	31	6355	YEAR	1973	BOTOP	00286	AIR TEMP		OIR	HGT	PER	WIND-DIR	22	INST	STO	RECORDER	TEN	50	1306
CGASEC	0171		MONTH	06	SHIP	EV	MET	BULB	22	2	2	WIND-SPO	14	TRACE	OIR	0	5	SQUARE	2
LAT	44	35	N	DAY	20	DATA	USE	1	SEA			WIND-FOR		URATION			2	SQUARE	46
LONG	045	02	W	MOJA	15.5	AREA		05	CLOUD	T/A	CL/TK	WEATHER	XQ	ORIG	011	356	1	SQUARE	45
CASNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND	VEL	OXYG	P34	TOT	P	NO2	NO3	S103	PH		
		STO	00000	02.40	32.65	26.06	00.000	1436.8											
13.5		ObS	00003	02.40	32.647	26.08		1436.9											
		STO	00010	02.18	32.62	26.08	00.015	1436.0											
		ObS	00014	02.13	32.615	26.08		1435.8											
		ObS	00015	02.00	32.642	26.11		1435.3											
		ObS	00019	01.65	32.624	26.12		1435.8											
		STO	00020	01.25	32.64	26.16	00.038	1432.0											
		ObS	00022	00.26	32.704	26.26		1447.7											
		STO	00030	- 1.28	32.99	26.55	00.055	1441.0											
		ObS	00030	- 1.35	33.002	26.57		1440.7											
		ObS	00041	- 1.64	33.135	26.68		1439.7											
		STO	00050	- 1.58	33.16	26.72	00.083	1440.2											
		ObS	00053	- 1.56	33.201	26.73		1440.4											
		STO	00075	- 1.41	33.26	26.79	00.116	1441.6											
		ObS	00076	- 1.40	33.260	26.79		1441.6											
		STO	00100	- 1.12	33.41	26.89	00.146	1443.5											
		ObS	00102	- 1.05	33.417	26.90		1443.7											
		STO	00125	- 0.66	33.44	26.95	00.175	1445.2											
		ObS	00125	- 0.88	33.453	26.95		1445.2											
		STO	00150	- 0.76	33.54	26.98	00.202	1446.1											
		ObS	00152	- 0.75	33.552	26.99		1446.3											
		ObS	00175	- 0.29	33.732	27.12		1445.1											
		ObS	00182	00.31	33.896	27.22		1452.2											
		STO	00200	00.30	33.91	27.23	00.250	1452.4											
		ObS	00201	00.30	33.906	27.23		1452.5											
		ObS	00228	00.28	33.502	27.23		1452.8											
		STO	00250	01.25	34.16	27.37	00.285	1457.9											
		ObS	00251	01.30	34.177	27.36		1458.2											
		ObS	00262	01.75	34.360	27.50		1460.6											
		ObS	00266	02.21	34.440	27.53		1462.8											
		ObS	00277	02.61	34.558	27.59		1464.9											
		ObS	00285	02.75	34.575	27.59		1465.7											

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N Q O C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTOP J1023	AIR TEMP 08.7	OIR MGT PER	WIND-OIR 24	INST STD RECORDER	TEA 53 1306
CONSEC 0172	MONTH 06	SHIP EV	WET BULB 07.8	01 2 2	WIND-SPO 15	TRACE OIR 0	5 SQUARE 2
LAT 44 34.5N	DAY 20	DATA USE 1	BAROMETR 1024.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 47 W	MOUR 17.1	AREA 05	CLOUD 7/A	CL/TR	WEATHER A1	ORIG 011 357	5 SQUARE 48

CASSTNUN/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
17.1	STD	00000	02.64	32.85	26.23	00.000	1458.1							
	OBS	00003	02.64	32.855	26.23		1458.2							
	STD	00010	02.61	32.86	26.24	00.018	1458.2							
	OBS	00011	02.60	32.866	26.24		1458.2							
	STD	00020	02.53	32.87	26.24	00.036	1458.3							
	OBS	00022	02.51	32.865	26.25		1458.0							
	STD	00030	02.45	32.86	26.24	00.054	1457.8							
	OBS	00030	02.44	32.856	26.25		1457.8							
	OBS	00034	02.33	32.871	26.27		1457.4							
	OBS	00038	01.27	33.141	26.56		1453.1							
	OBS	00045	01.09	33.376	26.76		1452.7							
	OBS	00049	00.18	33.382	26.81		1448.7							
	STD	00050	00.17	33.39	26.82	00.084	1448.7							
	OBS	00053	00.10	33.438	26.86		1448.5							
	STD	00075	- 0.30	33.55	26.97	00.115	1447.1							
	OBS	00076	- 0.33	33.553	26.98		1447.0							
	OBS	00079	- 0.44	33.553	26.98		1446.6							
	OBS	00085	- 0.26	33.730	27.12		1447.9							
	STD	00100	00.08	33.75	27.15	00.136	1449.6							
	OBS	00102	00.30	33.835	27.17		1450.7							
	OBS	00110	00.99	33.955	27.26		1454.2							
	STD	00125	01.11	34.06	27.31	00.155	1455.1							
	OBS	00125	01.25	34.073	27.31		1455.3							
	OBS	00129	01.47	34.165	27.36		1456.9							
	OBS	00140	01.69	34.175	27.36		1458.1							
	OBS	00144	01.80	34.263	27.42		1456.8							
	OBS	00148	02.09	34.345	27.46		1460.2							
	STD	00150	02.14	34.35	27.46	00.177	1460.4							
	OBS	00152	02.21	34.353	27.46		1460.8							
	OBS	00159	02.47	34.400	27.47		1462.1							
	OBS	00175	03.14	34.515	27.51		1465.4							
	STD	00200	03.36	34.58	27.54	00.207	1466.9							
	OBS	00231	03.43	34.584	27.54		1467.1							
	OBS	00203	03.45	34.590	27.53		1467.5							
	OBS	00228	03.53	34.700	27.62		1468.2							
	OBS	00232	03.70	34.720	27.62		1469.0							
	OBS	00236	04.28	34.837	27.65		1471.7							
	STD	00250	04.57	34.89	27.65	00.234	1473.2							
	OBS	00251	04.59	34.888	27.65		1473.3							
	OBS	00277	04.44	34.855	27.65		1473.1							
	STD	00300	04.39	34.86	27.65	00.258	1473.3							
	OBS	00300	04.39	34.860	27.65		1473.3							
	OBS	00350	04.06	34.865	27.69		1472.7							
	STD	00400	04.06	34.87	27.70	00.304	1473.5							
	OBS	00403	04.07	34.877	27.70		1473.6							
	OBS	00453	04.25	34.938	27.73		1475.5							
	STD	00500	04.21	34.93	27.73	00.347	1475.9							
	OBS	00502	04.23	34.934	27.73		1475.9							
	OBS	00552	04.03	34.933	27.75		1476.0							
	STD	00600	04.02	34.94	27.76	00.388	1476.8							
	OBS	00601	04.02	34.940	27.76		1476.8							
	OBS	00651	03.93	34.940	27.77		1477.2							
	STD	00700	03.90	34.94	27.77	00.425	1477.9							
	OBS	00700	03.90	34.940	27.77		1477.9							
	OBS	00750	03.84	34.940	27.78		1478.5							
	STD	00800	03.78	34.94	27.78	00.465	1479.1							
	OBS	00800	03.78	34.940	27.78		1479.1							
	OBS	00852	03.76	34.940	27.78		1479.9							
	STD	00900	03.74	34.94	27.79	00.509	1480.6							
	OBS	00902	03.74	34.940	27.79		1480.6							
	OBS	00951	03.73	34.940	27.79		1481.4							
	STD	01000	03.71	34.94	27.79	00.550	1482.1							
	OBS	01001	03.71	34.938	27.79		1482.1							
	STD	01100	03.72	34.94	27.79	00.591	1483.8							
	OBS	01100	03.72	34.940	27.79		1483.8							
	STD	01200	03.68	34.94	27.79	00.633	1485.3							
	OBS	01203	03.68	34.940	27.79		1485.4							
	OBS	01225	03.68	34.941	27.79		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8335	YEAR 1973	BOTOP 02725	AIR TEMP 07.0	DIR MGT PER	WIND-DIR 26	INST STO RECORDER	TEN SQ 1306
CONSEC 0173	MONTH 06	SHIP EV	WET BULG 06.3	27 2 4	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 44 32.7N	DAY 20	DATA USE 1	BAROMETR 1025.1	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 36 W	MOON 19.5	AREA 05	CLOUD T/A	CL/TA	WEATHER X1	ORIG 011 358	1 SQUARE 46

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
19.5	STO	00000	05.34	32.87	25.97	00.000	1469.6							
	065	00003	05.34	32.870	25.97		1469.6							
	085	00007	05.28	32.860	25.97		1469.4							
	STO	00010	04.87	32.83	25.95	00.020	1467.7							
	085	00011	04.69	32.824	26.01		1467.0							
	085	00015	04.43	32.863	26.07		1466.0							
	STO	00020	04.40	32.86	26.07	00.040	1466.0							
	085	00022	04.36	32.866	26.07		1466.0							
	STO	00030	04.30	33.00	26.19	00.059	1465.9							
	085	00030	04.28	33.013	26.20		1465.5							
	STO	00035	02.32	33.60	26.85	00.090	1456.6							
	085	00035	02.07	33.675	26.93		1457.6							
	STO	00075	01.06	33.99	27.25	00.115	1453.9							
	085	00076	01.04	34.005	27.27		1453.9							
	STO	00100	01.66	34.23	27.42	00.134	1456.8							
	085	00102	01.52	34.252	27.43		1456.8							
	STO	00125	02.14	34.38	27.48	00.150	1460.1							
	085	00125	02.16	34.360	27.48		1460.2							
	STO	00150	02.63	34.58	27.59	00.164	1463.8							
	065	00152	02.93	34.550	27.55		1464.3							
	085	00159	03.29	34.592	27.55		1465.9							
	085	00175	03.25	34.650	27.60		1466.1							
	085	00194	03.41	34.730	27.65		1467.2							
	065	00196	03.68	34.763	27.67		1468.5							
	STO	00200	03.83	34.80	27.67	00.188	1468.2							
	015	00206	04.17	34.865	27.66		1471.7							
	065	00226	04.54	34.930	27.64		1472.0							
	STO	00250	04.49	34.93	27.70	00.211	1472.4							
	065	00251	04.49	34.945	27.70		1472.4							
	065	00277	04.47	34.925	27.70		1473.3							
	STO	00300	04.37	34.92	27.71	00.232	1473.3							
	085	00300	04.37	34.924	27.71		1473.3							
	085	00350	04.25	34.948	27.74		1473.6							
	STO	00400	04.18	34.92	27.73	00.275	1474.1							
	085	00403	04.18	34.920	27.73		1474.2							
	085	00453	04.15	34.915	27.72		1474.8							
	STO	00500	04.03	34.95	27.76	00.316	1475.1							
	065	00502	04.02	34.946	27.76		1475.2							
	085	00552	03.93	34.940	27.77		1475.6							
	STO	00600	03.90	34.94	27.77	00.355	1476.3							
	085	00601	03.90	34.940	27.77		1476.3							
	085	00651	03.81	34.930	27.77		1476.7							
	STO	00700	03.75	34.94	27.78	00.394	1477.5							
	085	00700	03.79	34.940	27.78		1477.5							
	085	00750	03.75	34.940	27.79		1478.1							
	STO	00800	03.74	34.94	27.79	00.434	1478.5							
	085	00803	03.74	34.940	27.75		1478.0							
	085	00852	03.72	34.940	27.75		1479.7							
	STO	00900	03.71	34.94	27.79	00.473	1480.4							
	085	00902	03.71	34.940	27.79		1480.5							
	085	00951	03.70	34.942	27.75		1481.3							
	STO	01000	03.69	34.95	27.80	00.513	1482.0							
	085	01001	03.69	34.950	27.80		1482.1							
	STO	01100	03.66	34.94	27.80	00.553	1482.0							
	065	01100	03.66	34.91 P	27.770									
	STO	01200	03.70	34.93	27.79	00.595	1485.4							
	085	01203	03.70	34.933	27.79		1485.5							
	085	01225	03.72	34.940	27.79		1485.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NGDC STATION DATA

REFID 31 0355	YEAR 1973	BJTOP 01423	AIR TEMP 08.1	DIR MGT PER	WIND-DIR 20	INST STO RECORER	TEN SO 1306
CONSEC 0174	MONTH 06	SHIP EV	WET BULB 07.0	32 2 7	WIND-SPD 08	TRACE DIR 0	5 SQUARE 2
LAT 44 35 N	DAY 20	DATA USE 1	BAROMETR 1025.3	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 140 23.5W	MOJR 21.9	AREA 05	CLOUD T/A	CL/TR	WEATHER K3	ORIG 011 359	1 SQUARE 48

CASSTNUM/TIME	LVL TYP	DEPTH	TENP	SAL	SIGMA-T	SYNDPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
21.9	STO	00000	05.01	32.85	25.96	00.000	1470.7							
	OBS	00000	05.01	32.850	25.96		1470.7							
	STO	00010	05.31	32.82	25.94	00.021	1465.5							
	OBS	00010	05.31	32.820	25.94		1465.5							
	STO	00020	04.59	32.85	26.03	00.041	1468.5							
	OBS	00020	04.59	32.850	26.03		1468.5							
	STO	00030	04.55	32.88	26.06	00.061	1467.0							
	OBS	00030	04.55	32.880	26.06		1467.0							
	STO	00040	04.22	33.150	26.32		1466.0							
	OBS	00040	04.22	33.150	26.32		1466.0							
	STO	00050	01.49	33.05	26.95	00.092	1455.0							
	OBS	00050	01.49	33.050	26.95		1455.0							
	STO	00070	00.35	33.890	27.21		1450.5							
	OBS	00070	00.35	33.890	27.21		1450.5							
	STO	00075	00.36	33.97	27.28	00.115	1450.7							
	OBS	00075	00.36	33.970	27.28		1450.7							
	STO	00100	01.04	34.15	27.38	00.134	1454.5							
	OBS	00100	01.04	34.150	27.38		1454.5							
	STO	00125	02.07	34.37	27.46	00.151	1455.8							
	OBS	00125	02.07	34.370	27.46		1455.8							
	STO	00150	02.64	34.49	27.53	00.166	1462.8							
	OBS	00150	02.64	34.490	27.53		1462.8							
	STO	00170	02.36	34.490	27.56		1461.5							
	OBS	00170	02.36	34.490	27.56		1461.5							
	STO	00185	02.37	34.530	27.59		1462.3							
	OBS	00185	02.37	34.530	27.59		1462.3							
	STO	00200	02.56	34.58	27.61	00.195	1463.4							
	OBS	00200	02.56	34.580	27.61		1463.4							
	STO	00250	03.45	34.78	27.68	00.216	1468.5							
	OBS	00250	03.45	34.780	27.68		1468.5							
	STO	00270	04.07	34.850	27.68		1471.4							
	OBS	00270	04.07	34.850	27.68		1471.4							
	STO	00290	04.11	34.860	27.68		1471.9							
	OBS	00290	04.11	34.860	27.68		1471.9							
	STO	00300	04.16	34.85	27.70	00.238	1472.3							
	OBS	00300	04.16	34.850	27.70		1472.3							
	STO	00350	04.35	34.910	27.70		1474.0							
	OBS	00350	04.35	34.910	27.70		1474.0							
	STO	00360	04.26	34.910	27.71		1474.1							
	OBS	00360	04.26	34.910	27.71		1474.1							
	STO	00400	04.30	34.93	27.72	00.281	1474.6							
	OBS	00400	04.30	34.930	27.72		1474.6							
	STO	00440	04.21	34.930	27.73		1474.9							
	OBS	00440	04.21	34.930	27.73		1474.9							
	STO	00450	04.30	34.950	27.74		1476.1							
	OBS	00450	04.30	34.950	27.74		1476.1							
	STO	00500	04.27	34.95	27.74	00.323	1476.2							
	OBS	00500	04.27	34.950	27.74		1476.2							
	STO	00510	04.22	34.950	27.74		1476.1							
	OBS	00510	04.22	34.950	27.74		1476.1							
	STO	00600	04.17	34.95	27.75	00.365	1477.4							
	OBS	00600	04.17	34.950	27.75		1477.4							
	STO	00700	04.03	34.940	27.76	00.407	1478.5							
	OBS	00700	04.03	34.940	27.76		1478.5							
	STO	00713	03.57	34.940	27.76		1478.4							
	OBS	00713	03.57	34.940	27.76		1478.4							
	STO	00785	03.56	34.930	27.76		1475.6							
	OBS	00785	03.56	34.930	27.76		1475.6							
	STO	00800	03.85	34.92	27.76	00.449	1475.3							
	OBS	00800	03.85	34.920	27.76		1475.3							
	STO	00820	03.78	34.920	27.77		1475.4							
	OBS	00820	03.78	34.920	27.77		1475.4							
	STO	00900	03.79	34.92	27.77	00.491	1480.8							
	OBS	00900	03.79	34.920	27.77		1480.8							
	STO	00930	03.74	34.920	27.77		1480.5							
	OBS	00930	03.74	34.920	27.77		1480.5							
	STO	00945	03.74	34.940	27.79		1481.3							
	OBS	00945	03.74	34.940	27.79		1481.3							
	STO	01000	03.80	34.950	27.78	00.533	1482.8							
	OBS	01000	03.80	34.950	27.78		1482.8							
	STO	01100	03.84	34.950	27.78	00.575	1484.3							
	OBS	01100	03.84	34.950	27.78		1484.3							
	STO	01200	03.76	34.95	27.79	00.618	1485.7							
	OBS	01200	03.76	34.950	27.79		1485.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 51 0555	YEAR 1973	BDTOP 0530	AIR TEMP 06.2	DIR MGT PER	WIND-Dir 26	INST STO RECORDER	TEN SG 1306
CONSEC 0175	MONTH 06	SHIP EV	WEI BULD 05.9	03 2 6	WIND-SPD 10	TRACE DIR	5 SQUARE 2
LAT 44 34 N	DAY 21	DATA USE 1	BAROMETER 1025.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 11 W	MOJR 00.1	ARCA 05	CLOUD 1/4	CL/TA	WEATHER XU	ORIG 011 360	1 SQUARE 48

CSTATION/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	P34	TOT P.	MD2	NQ3	S103	PH
03.1	STO	00000	05.47	32.86	25.95	00.000	1470.1							
085	00005	05.47	32.860	25.95			1470.2							
STO	00010	05.47	32.86	25.95	00.021	1470.3								
085	00011	05.47	32.855	25.95			1470.3							
085	00015	05.40	32.844	25.95			1470.0							
STO	00020	05.09	32.84	25.98	00.041	1468.9								
085	00022	04.56	32.845	26.00			1468.5							
STO	00030	04.82	32.83	26.00	00.061	1467.5								
085	00030	04.77	32.824	26.00			1467.7							
085	00034	04.20	32.798	26.04			1465.3							
085	00038	03.15	32.794	26.14			1460.9							
085	00041	01.16	32.130	26.06			1454.7							
085	00044	00.36	32.347	26.78			1444.6							
STO	00050	00.35	32.35	26.78	00.054	1444.4								
085	00053	00.10	32.355	26.75			1440.0							
STO	00075	- 0.16	32.65	27.04	00.123	1447.5								
085	00076	- 0.20	32.648	27.05			1447.0							
085	00079	- 0.34	33.645	27.05			1447.2							
085	00087	00.20	33.747	27.11			1445.5							
085	00095	00.34	33.878	27.20			1450.5							
085	00099	00.81	33.855	27.19			1453.1							
STO	00100	00.77	33.50	27.20	00.147	1452.5								
085	00102	00.67	33.901	27.20			1452.5							
STO	00125	00.66	34.03	27.31	00.168	1453.0								
085	00125	00.66	34.030	27.31			1453.0							
085	00143	01.33	34.127	27.34			1450.4							
085	00144	00.98	34.112	27.35			1454.9							
STO	00150	01.06	34.15	27.38	00.186	1455.4								
085	00152	01.10	34.170	27.39			1455.6							
085	00175	01.54	34.387	27.51			1460.0							
085	00178	02.12	34.418	27.52			1460.5							
085	00186	02.85	34.557	27.57			1464.4							
085	00190	02.83	34.558	27.57			1464.4							
085	00198	02.43	34.688	27.62			1467.5							
STO	00200	03.50	34.70	27.62	00.218	1467.6								
085	00204	03.50	34.716	27.63			1467.5							
085	00228	03.80	34.722	27.61			1465.4							
085	00247	04.14	34.806	27.64			1471.3							
STO	00250	04.12	34.82	27.65	00.244	1471.2								
085	00251	04.11	34.850	27.66			1471.2							
085	00277	04.50	34.920	27.69			1475.4							
STO	00300	04.38	34.52	27.71	00.263	1473.3								
085	00300	04.38	34.923	27.71			1473.3							
085	00308	04.38	34.917	27.70			1473.4							
085	00315	04.24	34.610	27.71			1473.0							
085	00350	04.35	34.520	27.71			1474.0							
STO	00400	04.35	34.54	27.72	00.306	1474.8								
085	00403	04.35	34.938	27.72			1474.9							
085	00453	04.19	34.525	27.73			1475.0							
STO	00500	04.11	34.95	27.74	00.348	1475.5								
085	00502	04.11	34.928	27.74			1475.5							
085	00552	04.10	34.923	27.74			1476.3							
STO	00600	04.14	34.92	27.73	00.351	1477.2								
085	00601	04.14	34.924	27.73			1477.3							
085	00651	04.04	34.944	27.76			1477.7							
STO	00700	04.10	34.92	27.74	00.434	1476.7								
085	00700	04.10	34.922	27.74			1478.7							
085	00750	04.02	34.920	27.74			1479.2							
STO	00800	03.43	34.51	27.74	00.478	1475.7								
085	00803	01.53	34.94 P	27.77Q										
085	00852	05.95	34.910	27.74			1463.6							
STO	00900	03.95	34.92	27.75	00.522	1481.4								
085	00902	05.65	34.917	27.75			1481.5							
085	00951	03.92	34.920	27.75			1482.2							
STO	01000	03.52	34.92	27.76	00.567	1483.0								
085	01001	03.52	34.925	27.76			1483.0							
STO	01100	05.84	34.92	27.76	00.611	1484.3								
085	01100	03.84	34.920	27.76			1484.3							
STO	01200	05.79	34.92	27.77	00.656	1485.8								
085	01203	05.75	34.920	27.77			1485.8							
085	01241	03.75	34.920	27.77			1486.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8335	YEAR 1973	BOTOP 03401	AIR TEMP 06.0	OIA MGT PER	#7NO-OIR 24	INST STO RECORDER	TEN SQ 1306
CONSEC 0176	MONTH 06	SHIP EV	WET BULB 06.0		WIND-SPD 11	TRACE DIA	5 SQUARE 2
LAT 44 25.5N	DAY 21	DATA USE 1	BAROMETER 1025.4	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 54.5W	MOOR 02.4	AREA 05	CLOUD T/A	CL/T/A	WEATHER 34	ORIG 011 361	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	PH
02.4	STO	00000	05.84	32.86	25.91	00.000	1471.6							
	085	00005	05.84	32.860	25.91		1471.1							
	STO	00010	04.74	32.77	25.96	00.021	1467.1							
	085	00011	04.58	32.766	25.97		1466.5							
	085	00015	04.30	32.800	26.03		1465.4							
	STO	00020	04.16	32.83	26.07	00.041	1465.0							
	085	00022	04.06	32.848	26.09		1464.6							
	STO	00030	03.73	32.87	26.14	00.060	1463.3							
	085	00030	03.69	32.875	26.15		1463.2							
	085	00034	03.36	32.902	26.20		1461.9							
	085	00049	01.02	33.345	26.74		1452.4							
	STO	00050	01.00	33.35	26.74	00.092	1452.4							
	085	00053	00.44	33.344	26.75		1451.7							
	STO	00075	- 0.32	33.44	26.91	00.123	1447.0							
	085	00076	- 0.33	33.447	26.92		1446.9							
	085	00087	- 0.19	33.608	27.01		1447.9							
	085	00091	00.30	33.743	27.10		1450.4							
	085	00095	00.47	33.793	27.13		1451.3							
	STO	00100	00.38	33.80	27.14	00.145	1451.0							
	085	00102	00.32	33.608	27.15		1450.8							
	085	00110	00.60	33.886	27.19		1452.6							
	STO	00125	00.76	33.85	27.19	00.172	1453.4							
	085	00125	00.75	33.850	27.19		1453.4							
	085	00140	01.00	33.950	27.26		1454.8							
	085	00148	01.42	34.124	27.34		1456.9							
	STO	00150	01.47	34.13	27.34	00.192	1457.2							
	085	00152	01.54	34.143	27.34		1457.6							
	085	00175	02.08	34.375	27.49		1460.6							
	STO	00200	02.65	34.52	27.55	00.223	1463.7							
	085	00201	02.69	34.530	27.56		1464.0							
	085	00228	03.25	34.700	27.64		1467.0							
	STO	00250	03.78	34.82	27.69	00.250	1469.8							
	085	00251	03.80	34.822	27.69		1469.9							
	085	00277	03.92	34.860	27.70		1470.9							
	STO	00300	03.95	34.85	27.70	00.272	1471.4							
	085	00300	03.95	34.852	27.70		1471.4							
	085	00350	04.14	34.938	27.74		1473.1							
	STO	00400	04.12	34.92	27.73	00.314	1473.9							
	085	00403	04.12	34.923	27.73		1473.9							
	085	00453	04.06	34.937	27.75		1474.5							
	STO	00500	04.01	34.91	27.74	00.350	1475.0							
	085	00502	04.01	34.910	27.74		1475.1							
	085	00552	04.01	34.932	27.75		1475.9							
	STO	00600	04.03	34.93	27.75	00.397	1476.8							
	085	00601	04.03	34.930	27.75		1476.8							
	085	00651	03.48	34.914	27.76		1477.0							
	STO	00700	03.95	34.94	27.77	00.439	1478.1							
	085	00703	03.95	34.940	27.77		1478.1							
	085	00750	03.98	34.934	27.76		1479.1							
	STO	00800	03.98	34.92	27.75	00.481	1479.9							
	085	00803	03.98	34.920	27.75		1479.9							
	085	00852	03.92	34.910	27.74		1480.5							
	STO	00900	03.81	34.93	27.77	00.524	1480.9							
	085	00902	03.81	34.930	27.77		1480.9							
	085	00951	03.76	34.930	27.78		1481.5							
	STO	01000	03.78	34.94	27.78	00.565	1482.4							
	085	01001	03.78	34.940	27.78		1482.4							
	STO	01100	03.76	34.94	27.75	00.607	1484.0							
	085	01100	03.76	34.942	27.79		1484.0							
	STO	01200	03.73	34.94	27.79	00.650	1485.5							
	085	01203	03.73	34.937	27.79		1485.6							
	085	01237	03.72	34.918	27.77		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D L S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BJTOP US444	AIR TEMP 04.9	DIR HGT PLK	WIND-DIR 32	INST STO RECORDER	TEN SW 1300
CONSEC 0177	MONTH 06	SHIP EV	WET BULB 04.9		WIND-SPD 13	TRACE DIR 0	5 SQUARE 2
LAT 44 21 N	DAY 21	DATA USE 1	BAROMETER 1024.4	SEA	WIND-FOR	DURATION	2 SQUARE 40
LONG 047 56.5 W	HOOR 05.2	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 562	1 SQUARE 47

CAS/NUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	PJ4	TOT P	NO2	NO3	SIO3	PM
35.2	STD	00000	06.06	33.05	26.06	00.000	1472.8							
	OBS	00000	06.06	33.094	26.06		1472.9							
	STD	00010	06.17	33.12	26.07	00.020	1473.4							
	OBS	00011	06.16	33.127	26.07		1473.5							
	OBS	00015	06.19	33.130	26.07		1473.6							
	OBS	00019	07.18	33.780	26.46		1478.5							
	STD	00020	07.71	34.05	26.55	00.037	1480.9							
	OBS	00022	06.86	34.807	26.85		1480.0							
	OBS	00026	09.60	34.858	26.93		1485.2							
	STD	00030	04.63	34.88	26.54	00.045	1485.4							
	OBS	00030	06.63	34.884	26.54		1485.4							
	OBS	00038	07.71	34.633	26.57		1485.9							
	OBS	00041	10.00	35.036	27.00		1491.1							
	OBS	00045	06.59	35.033	27.00		1491.2							
	STD	00050	10.03	35.04	27.00	00.072	1491.4							
	OBS	00053	10.19	35.066	27.01		1492.1							
	OBS	00060	05.74	35.032	27.04		1490.5							
	OBS	00064	10.51	35.215	27.05		1493.6							
	OBS	00068	10.51	35.205	27.04		1493.6							
	STD	00075	08.98	34.69	27.05	00.090	1487.7							
	OBS	00076	08.79	34.851	27.05		1487.0							
	OBS	00095	08.38	34.860	27.10		1486.5							
	OBS	00099	07.84	34.713	27.09		1483.6							
	STD	00100	07.83	34.72	27.10	00.123	1483.6							
	OBS	00102	07.83	34.727	27.11		1483.6							
	OBS	00110	07.97	34.743	27.10		1484.3							
	OBS	00118	08.68	34.953	27.15		1487.4							
	STD	00125	08.78	34.94	27.13	00.146	1487.8							
	OBS	00125	08.78	34.635	27.13		1487.9							
	OBS	00137	08.61	34.640	27.15		1487.4							
	OBS	00140	08.91	35.003	27.15		1488.6							
	STD	00150	08.82	34.98	27.15	00.172	1488.4							
	OBS	00152	08.65	34.640	27.14		1488.0							
	OBS	00163	08.43	34.883	27.14		1487.1							
	OBS	00171	07.84	34.840	27.15		1484.9							
	OBS	00178	07.01	34.680	27.14		1481.6							
	OBS	00182	06.96	34.670	27.19		1481.5							
	STD	00200	06.23	34.53	27.17	00.219	1478.6							
	OBS	00201	06.13	34.524	27.18		1478.3							
	OBS	00209	05.69	34.530	27.24		1476.6							
	OBS	00213	06.04	34.585	27.24		1478.2							
	OBS	00228	05.75	34.557	27.26		1477.2							
	OBS	00236	05.69	34.530	27.24		1477.1							
	OBS	00243	06.17	34.600	27.24		1479.2							
	STD	00250	06.10	34.59	27.24	00.264	1479.1							
	OBS	00258	05.88	34.574	27.25		1478.3							
	OBS	00277	04.62	34.530	27.33		1474.6							
	OBS	00285	04.77	34.510	27.33		1474.1							
	STD	00300	04.50	34.56	27.36	00.305	1475.0							
	OBS	00304	04.94	34.570	27.36		1475.2							
	OBS	00308	04.88	34.570	27.37		1475.0							
	OBS	00350	03.43	34.516	27.48		1465.6							
	OBS	00357	03.34	34.455	27.47		1469.3							
	OBS	00365	02.53	34.422	27.45		1465.8							
	OBS	00376	03.39	34.537	27.50		1465.9							
	OBS	00384	03.22	34.510	27.50		1469.2							
	OBS	00392	03.35	34.560	27.52		1470.0							
	STD	00400	03.16	34.53	27.52	00.373	1469.2							
	OBS	00407	03.00	34.520	27.52		1468.7							
	OBS	00411	02.63	34.520	27.53		1468.4							
	OBS	00415	03.24	34.590	27.56		1469.9							
	OBS	00453	03.26	34.695	27.64		1470.9							
	STD	00500	03.90	34.84	27.69	00.427	1474.4							
	OBS	00502	03.92	34.840	27.69		1474.6							
	OBS	00552	04.16	34.855	27.68		1476.4							
	STD	00600	04.14	34.51	27.72	00.472	1477.2							
	OBS	00601	04.14	34.510	27.72		1477.2							
	OBS	00651	04.27	34.930	27.72		1478.6							
	STD	00700	04.24	34.54	27.73	00.516	1475.3							
	OBS	00700	04.24	34.938	27.73		1479.3							
	OBS	00750	04.31	34.930	27.72		1480.4							
	STD	00800	04.15	34.53	27.74	00.561	1480.8							
	OBS	00803	04.18	34.535	27.74		1480.8							
	OBS	00852	04.06	34.630	27.75		1481.1							
	STD	00900	04.02	34.44	27.76	00.606	1481.7							
	OBS	00902	04.02	34.640	27.76		1461.8							
	OBS	00951	04.06	34.547	27.76		1482.8							
	STD	01000	04.00	34.53	27.75	00.650	1483.3							
	OBS	01001	04.00	34.633	27.75		1483.3							
	STD	01100	03.87	34.62	27.76	00.695	1484.4							
	OBS	01100	03.87	34.620	27.76		1484.4							
	STD	01200	03.91	34.95	27.78	00.740	1486.3							
	OBS	01203	03.51	34.950	27.78		1486.4							
	OBS	01233	03.89	34.640	27.77		1486.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 0353	YEAR 1973	BOATUP 03407	AIR TEMP 03.5	DIR HGT PER	WIND-DIR 33	INST STD RECORDER	TEN SW 1306
CONSEC 0178	MONTH 06	SHIP EV	WET BULB 03.2	06 2 7	WIND-SPD 07	TRACE DIR 0	5 SQUARE 2
LAT 44 21 N	DAY 21	DATA USE 1	BAROMETER 1026.3	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 10.5W	HOUR 07.4	AREA 05	CLOUD 7/A	CL/TR	WEATHER X1	DRIG 011 363	1 SQUARE 48

CASHTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOP7M	SND VEL	DAYG	PG4	TOT P	NO2	NO3	S103	PH
07.4	STO	00000	03.83	32.67	25.97	00.000	1463.0							
	085	00003	03.83	32.670	25.97		1463.1							
	085	00007	04.64	32.810	26.00		1466.7							
	STO	00010	04.62	32.84	26.01	00.020	1466.7							
	085	00011	04.60	32.810	26.01		1466.6							
	085	00015	04.53	32.800	26.01		1466.4							
	085	00016	04.48	32.800	26.00		1465.4							
	STO	00020	04.27	32.83	26.06	00.040	1465.4							
	085	00022	04.25	32.840	26.07		1465.4							
	085	00026	03.88	32.910	26.16		1464.0							
	STO	00030	02.66	32.87	26.24	00.059	1456.7							
	085	00033	02.51	32.870	26.25		1458.1							
	085	00034	01.01	32.950	26.45		1451.7							
	085	00041	- 0.33	33.130	26.63		1445.9							
	085	00043	- 0.38	33.130	26.65		1445.8							
	085	00044	- 0.81	33.160	26.68		1443.8							
	STO	00050	- 0.85	33.19	26.70	00.090	1444.6							
	085	00053	00.05	33.340	26.79		1448.1							
	085	00074	- 0.96	33.350	26.84		1443.7							
	STO	00075	- 0.89	33.42	26.90	00.122	1444.2							
	085	00076	- 0.88	33.460	26.92		1444.4							
	085	00081	- 0.20	33.530	26.95		1447.8							
	STO	00100	- 0.46	33.54	26.97	00.150	1447.7							
	085	00102	- 0.31	33.550	26.97		1447.5							
	085	00106	- 0.41	33.560	26.98		1447.2							
	085	00113	- 0.30	33.620	27.03		1447.8							
	085	00118	00.73	33.680	27.02		1452.7							
	085	00121	00.69	33.700	27.04		1452.6							
	STO	00125	00.18	33.68	27.06	00.176	1450.3							
	085	00125	00.10	33.680	27.06		1450.0							
	085	00148	00.66	33.630	27.15		1453.1							
	STO	00150	00.67	33.64	27.15	00.200	1453.2							
	085	00152	00.67	33.640	27.16		1453.2							
	085	00156	00.65	33.640	27.16		1453.2							
	085	00163	00.31	33.900	27.22		1451.9							
	085	00175	00.56	34.010	27.30		1453.4							
	STO	00200	00.48	34.13	27.37	00.242	1455.8							
	085	00201	01.03	34.140	27.37		1456.1							
	085	00220	01.65	34.240	27.41		1459.3							
	085	00228	02.84	34.380	27.43		1464.8							
	085	00239	02.84	34.360	27.41		1465.0							
	085	00247	04.69	34.240	27.41		1459.9							
	STO	00250	01.63	34.27	27.44	00.276	1459.8							
	085	00251	01.61	34.260	27.45		1459.7							
	085	00278	01.95	34.360	27.49		1461.7							
	STO	00300	02.46	34.55	27.60	00.306	1464.6							
	085	00303	02.50	34.560	27.60		1464.8							
	085	00304	02.69	34.590	27.61		1465.7							
	085	00316	03.19	34.650	27.61		1468.2							
	085	00350	03.34	34.710	27.64		1469.4							
	085	00365	03.48	34.730	27.65		1470.3							
	085	00388	04.21	34.850	27.67		1473.5							
	STO	00400	04.22	34.86	27.67	00.355	1474.2							
	085	00403	04.23	34.860	27.67		1474.3							
	085	00453	04.42	34.920	27.70		1476.0							
	STO	00500	04.26	34.91	27.71	00.401	1476.1							
	085	00510	04.44	34.910	27.71		1476.2							
	085	00552	04.15	34.920	27.72		1476.6							
	STO	00600	04.11	34.91	27.72	00.445	1477.1							
	085	00601	04.11	34.910	27.72		1477.1							
	085	00651	04.05	34.920	27.74		1477.7							
	STO	00700	04.07	34.92	27.74	00.489	1478.3							
	085	00700	04.03	34.920	27.74		1478.3							
	085	00750	03.43	34.910	27.74		1478.8							
	STO	00800	03.88	34.91	27.75	00.532	1479.5							
	085	00835	02.46	34.910	27.75		1479.5							
	STO	00900	02.79	34.91	27.75	00.575	1480.7							
	STO	01000	03.74	34.90	27.76	00.619	1482.2							
	085	01001	03.74	34.900	27.76		1482.2							
	STO	01100	03.73	34.90	27.76	00.664	1483.8							
	085	01100	03.73	34.900	27.76		1483.8							
	STO	01200	03.77	34.93	27.78	00.708	1485.7							
	085	01203	03.77	34.930	27.78		1485.7							
	085	01233	03.77	34.930	27.78		1486.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 8355	YEAR 1973	BDTOP 03145	AIR TEMP 04.5	OIR MGT PER	WIND-OIR 00	INST STD RECORDER	TEN SQ 1306
CONSEC 0175	MONTH 06	SHIP EY	WET BULB 04.3	35 2 0	WIND-SPO 00	TRACE OIR	9 SQUARE 2
LAT 44 20 N	GAY 21	DATA USE 1	BAROMETR 1027.1	SEA	WIND-FOA	DURATION	2 SQUARE 46
LONG 048 23.5W	MOOR 05.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X8	ORIG 011 364	1 SQUARE 48

CASNUM/INE	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OVNDPTH	SND VEL	DRYG	PO4	TOT F	MO2	MO3	SIO3	PH
09.7	STO	00000	04.01	32.87	26.12	00.000	1464.3							
	085	00003	04.01	32.875	26.12		1464.1							
	STO	00010	03.96	32.86	26.11	00.019	1463.9							
	085	00011	03.88	32.852	26.11		1463.6							
	085	00015	03.56	32.862	26.15		1462.4							
	STO	00020	03.48	32.87	26.16	00.036	1462.1							
	085	00022	03.39	32.867	26.17		1461.6							
	STO	00030	02.98	32.90	26.24	00.056	1460.2							
	085	00030	02.96	32.908	26.24		1460.1							
	085	00034	02.80	32.960	26.30		1459.5							
	085	00038	02.31	32.911	26.30		1457.4							
	085	00041	01.51	32.881	26.33		1455.9							
	085	00045	- 0.92	32.983	26.54		1443.0							
	085	00049	- 1.40	33.127	26.67		1441.0							
	STO	00050	- 1.41	33.14	26.68	00.086	1441.0							
	085	00053	- 1.45	33.183	26.72		1440.9							
	085	00072	- 1.33	33.239	26.76		1441.9							
	STO	00075	- 1.19	33.30	26.81	00.121	1442.6							
	085	00076	- 1.14	33.329	26.83		1442.9							
	STO	00100	- 0.33	33.54	26.97	00.150	1447.4							
	085	00102	- 0.22	33.554	26.97		1448.0							
	085	00110	00.10	33.567	26.97		1445.6							
	STO	00125	00.00	33.80	27.16	00.175	1445.7							
	085	00125	00.00	33.804	27.16		1445.7							
	085	00148	00.35	33.940	27.25		1451.5							
	STO	00150	00.46	33.98	27.28	00.196	1452.4							
	085	00154	00.61	34.030	27.31		1453.2							
	085	00175	01.38	34.215	27.41		1457.5							
	085	00182	02.65	34.387	27.43		1464.1							
	085	00188	02.92	34.390	27.43		1464.5							
	085	00194	02.71	34.370	27.43		1463.7							
	STO	00200	02.79	34.38	27.43	00.233	1464.2							
	085	00201	02.81	34.380	27.43		1464.3							
	085	00228	02.64	34.457	27.54		1464.1							
	085	00236	02.73	34.500	27.53		1464.6							
	085	00239	03.33	34.584	27.54		1467.4							
	STO	00250	03.36	34.57	27.53	00.265	1467.7							
	085	00251	03.36	34.563	27.52		1467.7							
	085	00255	03.27	34.580	27.55		1467.4							
	085	00262	03.52	34.704	27.62		1466.8							
	085	00277	03.47	34.683	27.61		1468.8							
	STO	00300	03.83	34.73	27.61	00.293	1470.7							
	085	00300	03.84	34.730	27.61		1470.8							
	085	00327	04.04	34.830	27.67		1472.2							
	085	00342	04.66	34.925	27.67		1475.1							
	085	00350	04.65	34.926	27.68		1475.2							
	STO	00400	04.71	34.92	27.67	00.342	1476.3							
	085	00403	04.71	34.920	27.67		1476.4							
	085	00453	04.70	34.942	27.65		1477.2							
	STO	00500	04.44	34.94	27.69	00.390	1477.7							
	085	00533	04.59	34.945	27.70		1478.0							
	085	00552	04.44	34.927	27.70		1477.7							
	STO	00600	04.31	34.92	27.71	00.436	1477.9							
	085	00601	04.30	34.922	27.71		1477.9							
	085	00651	04.06	34.920	27.74		1477.7							
	STO	00700	04.06	34.94	27.75	00.480	1478.6							
	085	00700	04.06	34.937	27.75		1478.6							
	085	00750	04.01	34.920	27.74		1479.2							
	STO	00800	03.92	34.92	27.75	00.522	1479.7							
	085	00805	03.92	34.920	27.75		1479.7							
	085	00852	03.86	34.920	27.76		1480.3							
	STO	00900	03.87	34.93	27.77	00.565	1481.1							
	085	00902	03.87	34.930	27.77		1481.1							
	085	00951	03.82	34.920	27.76		1481.7							
	STO	01000	03.77	34.94	27.78	00.607	1482.4							
	085	01001	03.77	34.940	27.78		1482.4							
	STO	01100	03.85	34.94	27.77	00.650	1484.9							
	085	01100	03.85	34.91 P	27.750									
	STO	01200	03.75	34.94	27.78	00.693	1485.6							
	085	01203	03.75	34.937	27.78		1485.7							
	085	01223	03.75	34.940	27.79		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8055	YEAR 1973	8070P 02705	AIR TEMP 09.5	OIR MGT PER	WIND-OIR 04	INST STD RECORDER	TEN SQ 1306
GCNSEC 0130	MONTH 06	SHIP EV	WET BULB 08.0		WIND-SPD 02	TRACE DIR 0	5 SQUARE 2
LA7 44 20 N	DAY 21	DATA USE 1	BAROMETR 1027.8	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 37 W	MOUR 11.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 365	1 SQUARE 48

CASSTNM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	PC4	TOT P	NO2	NO3	STO3	PH
11.8	085	00011	03.04	32.510	25.92		1459.6							
	STO	00020	02.85	32.51	25.94		1459.1							
	085	00022	02.85	32.524	25.95		1459.0							
	STO	00030	02.77	32.57	25.99		1458.8							
	085	00030	02.76	32.571	25.99		1458.8							
	085	00041	02.54	32.625	26.05		1458.1							
	085	00045	01.50	32.587	26.07		1455.3							
	STO	00050	00.67	32.67	26.22		1449.9							
	085	00053	- 0.18	32.795	26.36		1446.3							
	085	00057	- 1.05	33.002	26.56		1442.6							
	STO	00075	- 1.34	33.20	26.73		1441.8							
	085	00076	- 1.35	33.210	26.74		1441.8							
	STO	00100	- 1.32	33.31	26.82		1442.5							
	085	00102	- 1.30	33.328	26.83		1442.6							
	STO	00125	- 1.02	33.48	26.95		1444.5							
	085	00125	- 1.00	33.490	26.95		1444.6							
	085	00148	03.02	33.770	27.13		1450.1							
	STO	00150	03.04	33.78	27.14		1450.3							
	085	00152	03.08	33.795	27.15		1450.5							
	085	00175	00.55	33.987	27.28		1453.5							
	STO	00200	01.33	34.22	27.42		1457.5							
	085	00231	01.38	34.434	27.43		1457.8							
	085	00228	02.08	34.375	27.49		1461.5							
	STO	00250	02.57	34.56	27.59		1464.3							
	085	00251	02.60	34.563	27.59		1464.4							
	085	00277	03.01	34.580	27.57		1466.7							
	STO	00300	03.14	34.69	27.65		1467.7							
	085	00300	03.15	34.697	27.65		1467.8							
	085	00350	03.65	34.822	27.70		1471.1							
	STO	00400	03.66	34.83	27.71		1471.8							
	085	00403	03.66	34.830	27.71		1471.8							
	085	00453	03.78	34.870	27.73		1473.2							
	STO	00500	03.96	34.87	27.71		1474.8							
	085	00502	03.97	34.875	27.71		1474.8							
	085	00555	04.08	34.515	27.73		1476.2							
	STO	00600	04.14	34.92	27.73		1477.2							
	085	00601	04.14	34.520	27.73		1477.3							
	085	00651	04.10	34.520	27.73		1477.9							
	STO	00700	04.04	34.92	27.74		1478.5							
	085	00700	04.04	34.520	27.74		1478.5							
	085	00750	03.97	34.520	27.75		1475.0							
	STO	00800	03.87	34.51	27.75		1475.4							
	085	00805	03.87	34.910	27.75		1479.5							
	085	00852	03.83	34.942	27.76		1480.2							
	STO	00900	03.79	34.94	27.78		1480.8							
	085	00902	03.79	34.540	27.78		1480.8							
	085	00951	03.80	34.925	27.77		1481.7							
	STO	01000	03.75	34.92	27.77		1482.3							
	085	01001	03.75	34.520	27.77		1482.3							
	085	01035	03.78	34.520	27.77		1483.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOGC STATION DATA

REFID 31 6355	YEAR 1973	BOATOP 01400	AIR TEMP 09.2	DIR MGT PER	WIND-DIR 00	INST STO RECORDER	TEN SQ 1306
CONSEC 0181	MONTH 06	SHIP EV	WET BULB 08.3	35 0 8	WIND-SPD 00	TRACE DIR 0	5 SQUARE 2
LAT 44 15.5N	DAY 21	DATA USE 1	BAROMETER 1027.9	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 53 W	MOJR 14.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 366	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
14.0	STO	00000	02.94	32.58	25.98	00.000	1459.1							
	085	00000	02.94	32.57	25.58		1459.1							
	STO	00010	02.65	32.59	26.00	00.020	1458.9							
	085	00011	02.83	32.59	26.01		1458.8							
	STO	00020	02.75	32.63	26.04	00.040	1458.6							
	085	00022	02.67	32.63	26.05		1458.3							
	STO	00030	02.53	32.614	26.04		1457.8							
	085	00030	02.07	32.63	26.09	00.060	1455.8							
	085	00030	02.00	32.633	26.10		1455.5							
	085	00034	01.46	32.708	26.20		1453.3							
	085	00038	00.73	32.767	26.29		1450.0							
	085	00045	-0.17	32.653	26.40		1446.3							
	085	00049	-1.00	32.964	26.54		1442.7							
	STO	00050	-1.01	32.99	26.54	00.094	1442.6							
	085	00053	-1.08	33.010	26.57		1442.4							
	085	00064	-1.48	33.163	26.70		1440.9							
	STO	00075	-1.40	33.21	26.73	00.129	1441.5							
	085	00076	-1.39	33.212	26.74		1441.6							
	STO	00100	-1.29	33.31	26.82	00.161	1442.1							
	085	00102	-1.31	33.341	26.84		1442.6							
	085	00110	-1.01	33.435	26.91		1444.3							
	085	00114	-0.60	33.487	26.93		1446.3							
	STO	00125	-0.28	33.51	26.94	00.190	1448.0							
	085	00125	-0.28	33.512	26.94		1448.0							
	085	00133	-0.36	33.550	26.97		1447.8							
	085	00137	-0.17	33.552	26.97		1448.8							
	085	00140	00.21	33.675	27.05		1450.7							
	STO	00150	00.53	33.72	27.07	00.217	1452.4							
	085	00152	00.58	33.732	27.07		1452.7							
	085	00175	00.37	33.914	27.23		1452.4							
	STO	00200	01.12	34.14	27.37	00.260	1456.5							
	085	00201	01.18	34.161	27.38		1456.8							
	085	00228	02.06	34.385	27.50		1461.4							
	STO	00250	02.46	34.54	27.59	00.291	1463.8							
	085	00251	02.48	34.545	27.59		1463.9							
	085	00277	02.83	34.595	27.60		1465.9							
	STO	00300	03.08	34.70	27.66	00.316	1467.5							
	085	00300	03.09	34.700	27.66		1467.5							
	085	00350	03.54	34.730	27.64		1470.3							
	STO	00400	03.81	34.86	27.72	00.360	1472.5							
	085	00403	03.83	34.867	27.72		1472.6							
	085	00453	03.55	34.870	27.71		1474.1							
	STO	00500	04.02	34.92	27.74	00.402	1475.1							
	085	00502	04.02	34.920	27.74		1475.1							
	085	00552	04.01	34.920	27.74		1475.9							
	STO	00600	04.01	34.93	27.75	00.444	1476.7							
	085	00605	04.01	34.930	27.75		1476.8							
	085	00651	04.00	34.935	27.76		1477.5							
	STO	00700	03.95	34.94	27.77	00.485	1476.1							
	085	00700	03.95	34.940	27.77		1478.1							
	085	00750	03.88	34.940	27.77		1478.7							
	STO	00800	03.83	34.94	27.78	00.526	1475.3							
	085	00803	03.83	34.940	27.78		1475.3							
	085	00852	03.81	34.940	27.78		1480.1							
	STO	00900	03.77	34.94	27.78	00.566	1480.7							
	085	00902	03.77	34.940	27.78		1480.7							
	085	00951	03.76	34.940	27.76		1481.5							
	STO	01000	03.76	34.94	27.76	00.607	1482.3							
	085	01001	03.76	34.940	27.78		1482.3							
	STO	01100	03.73	34.94	27.79	00.649	1483.9							
	085	01103	03.73	34.940	27.79		1483.9							
	STO	01200	03.71	34.94	27.79	00.691	1485.5							
	085	01203	03.71	34.940	27.79		1485.5							
	085	01224	03.70	34.940	27.79		1485.4							

REFID 31 6355	YEAR 1973	BOATOP 00050	AIR TEMP 12.2	DIR MGT PER	WIND-DIR 00	INST STO RECORDER	TEN SQ 1306
CONSEC 0182	MONTH 06	SHIP EV	WET BULB 10.0	00 0 X	WIND-SPD 00	TRACE DIR 0	5 SQUARE 2
LAT 44 18.5N	DAY 21	DATA USE 1	BAROMETER 1026.3	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 02 W	MOJR 16.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 367	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
16.1	STO	00000	04.24	32.50	25.80	00.000	1464.5							
	085	00000	04.24	32.500	25.80		1464.5							
	STO	00010	03.63	32.59	25.91	00.022	1463.1							
	085	00010	03.63	32.590	25.91		1463.1							
	STO	00020	01.67	32.72	26.19	00.041	1454.0							
	085	00020	01.67	32.720	26.19		1454.0							
	STO	00030	00.10	32.73	26.29	00.059	1447.4							
	085	00030	00.10	32.730	26.29		1447.4							
	085	00040	-1.10	33.180	26.71		1441.9							
	STO	00050	-1.16	33.19	26.72	00.090	1442.2							
	085	00054	-1.15	33.200	26.72		1442.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355 YEAR 1973 BOTOP 03357 AIR TEMP 11.8 DIR MGT PER WIND-DIR 20 INST STD RECORDER TEN SQ 1306
CONSEC 0163 MONTH 06 SHIP EV WET BULB 10.0 03 3 2 WIND-SPO 05 TRACE DIR 0 5 SQUARE 2
LAT 44 21.2N DAY 21 DATA USE 1 BAROMETR 1028.1 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 049 15.5W HOUR 17.0 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG 011 368 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	DAYG	PD4	TOT P-	NO2	NO3	SIO3	PH
17.0	STC	00030	04.81	32.52	25.76	00.003	1466.9							
	OBS	00033	04.81	32.522	25.76		1467.0							
	OBS	00007	04.68	32.505	25.76		1466.5							
	STC	00010	04.56	32.51	25.79	00.022	1465.2							
	OBS	00011	04.23	32.506	25.81		1464.7							
	OBS	00015	04.07	32.510	25.82		1464.1							
	OBS	00015	02.48	32.477	25.85		1461.6							
	STC	00020	02.27	32.50	25.89	00.046	1460.7							
	OBS	00022	02.75	32.570	25.99		1458.6							
	OBS	00026	02.16	32.632	26.09		1456.2							
	STC	00033	03.76	32.64	26.19	00.064	1450.3							
	OBS	00030	00.55	32.644	26.20		1449.2							
	OBS	00034	- 0.43	32.886	26.44		1444.9							
	OBS	00045	- 0.46	32.867	26.43		1445.0							
	OBS	00049	- 0.45	32.851	26.45		1445.1							

REFID 31 8355 YEAR 1973 BOTOP 03274 AIR TEMP 08.8 DIR MGT PER WIND-DIR 17 INST STD RECORDER TEN SQ 1306
CONSEC 0184 MONTH 06 SHIP EV WET BULB 08.5 00 0 0 WIND-SPO 07 TRACE DIR 0 5 SQUARE 2
LAT 44 04.5N DAY 22 DATA USE 1 BAROMETR 1029.4 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 045 14 W HOUR 02.2 AREA 05 CLOUD T/A CL/TR WEATHER X0 ORIG 011 369 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	DAYG	PD4	TOT P-	NO2	NO3	SIO3	PH
02.2	STC	00003	04.50	32.45	25.72	00.000	1467.3							
	OBS	00003	04.50	32.450	25.72		1467.3							
	OBS	00007	04.67	32.504	25.76		1466.4							
	STC	00010	04.29	32.50	25.79	00.022	1464.9							
	OBS	00011	04.00	32.498	25.82		1463.7							
	OBS	00015	02.53	32.556	26.00		1459.3							
	OBS	00015	02.29	32.662	26.10		1456.7							
	STC	00020	01.91	32.70	26.16	00.043	1455.1							
	OBS	00022	01.07	32.753	26.29		1451.5							
	OBS	00026	00.44	32.850	26.37		1448.6							
	STC	00030	00.05	32.91	26.44	00.063	1447.1							
	OBS	00030	00.00	32.517	26.45		1446.5							
	OBS	00034	- 0.59	32.960	26.52		1445.3							
	STC	00050	- 0.64	33.05	26.61	00.093	1444.5							
	OBS	00053	- 0.69	33.107	26.63		1444.4							
	STC	00075	- 0.92	33.18	26.70	00.125	1443.7							
	OBS	00076	- 0.93	33.187	26.70		1443.7							
	OBS	00067	- 1.02	33.204	26.72		1443.5							
	STC	00103	- 0.59	33.32	26.82	00.157	1444.0							
	OBS	00102	- 0.58	33.341	26.83		1444.1							
	STC	00125	- 0.83	33.35	26.83	00.188	1445.4							
	OBS	00125	- 0.75	33.350	26.83		1445.4							
	STC	00150	- 0.51	33.46	26.91	00.218	1447.3							
	OBS	00152	- 0.47	33.477	26.92		1447.5							
	OBS	00175	00.13	33.758	27.12		1451.1							
	OBS	00176	00.59	33.813	27.15		1452.4							
	OBS	00153	00.63	33.840	27.16		1453.6							
	OBS	00154	00.62	33.887	27.18		1455.1							
	OBS	00158	00.56	33.880	27.17		1455.4							
	STC	00200	01.01	33.50	27.19	00.265	1455.6							
	OBS	00217	01.58	34.251	27.40		1460.7							
	OBS	00220	02.34	34.363	27.46		1462.5							
	OBS	00228	02.46	34.377	27.48		1463.2							
	STC	00250	02.75	34.50	27.53	00.306	1465.1							
	OBS	00251	02.81	34.515	27.54		1465.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N D D C S T A T I O N D A T A

REFID 51 8555	YEAR 1973	BOTOP 00237	AIR TEMP 07.8	OIR MGT PER	WIND-OIR 17	INST STO RECORDEK	TEN SQ 1306
CONSEC 0185	MONTH 06	SHIP EV	MET BULB 07.2	00 0 X	WIND-SPO 08	TRACE DIA	5 SQUARE 2
LAT 44 05 N	DAY 22	DATA USE 1	BAROMETR 1029.2	SEA	WIND-FDR	DURATION	2 SQUARE 48
LONG 049 00 W	HOOR 03.7	AREA 05	CLOUD T/A	CL/TA	WEATHER XJ	ORIG J11 STO	1 SQUARE 49

CAS7NUM/IME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OAYG	PJ4	TOT P.	NO2	NO3	SIO3	PH
	STO	00000	03.93	32.53	25.85	00.000	1463.2							
03.7	OBS	00003	03.93	32.527	25.85		1463.3							
	OBS	00007	03.39	32.532	25.91		1461.1							
	STO	00010	03.20	32.55	25.94	00.021	1460.3							
	OBS	00011	03.10	32.566	25.96		1459.9							
	OBS	00015	02.50	32.557	26.00		1458.2							
	OBS	00019	02.49	32.545	26.00		1457.4							
	STO	00020	02.32	32.58	26.03	00.041	1456.7							
	OBS	00022	01.88	32.653	26.13		1454.9							
	STO	00030	01.08	32.72	26.23	00.060	1451.5							
	OBS	00030	00.99	32.724	26.24		1451.1							
	OBS	00038	- 0.52	32.886	26.46		1442.7							
	OBS	00041	- 1.44	33.300	26.57		1440.5							
	OBS	00049	- 1.54	33.000	26.57		1440.2							
	STO	00050	- 1.12	33.01	26.57	00.053	1442.1							
	OBS	00057	00.58	33.117	26.58		1450.3							
	OBS	00060	- 1.75	33.125	26.68		1439.5							
	OBS	00064	- 1.53	33.144	26.69		1440.7							
	STO	00075	- 1.64	33.16	26.71	00.128	1440.4							
	OBS	00076	- 1.63	33.166	26.71		1440.4							
	STO	00100	- 1.52	33.21	26.74	00.161	1441.4							
	OBS	00102	- 1.48	33.219	26.75		1441.0							
	STO	00115	- 1.01	33.38	26.87	00.193	1444.4							
	OBS	00125	- 1.00	33.388	26.87		1444.5							
	STO	00150	- 0.74	33.52	26.97	00.221	1446.1							
	OBS	00152	- 0.76	33.527	26.97		1446.2							
	OBS	00175	- 0.46	33.540	26.97		1448.0							
	STO	00200	- 0.36	33.78	27.15	00.271	1450.6							
	OBS	00201	- 0.02	33.757	27.16		1450.9							
	OBS	00228	00.67	33.970	27.26		1454.7							
	OBS	00232	00.81	34.028	27.30		1455.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NGDC STATION DATA

REFID 31 8355	YEAR 1973	63TOP 01c28	AIR TEMP 07.0	OIR MGT PER	WIND-DIR 17	INST STO RECORDER	TEN SQ 1306
CONSEC 0186	MONTH 06	SHIP EV	WET BULB 06.5	00 0 X	WIND-SPO 08	TRACE DIR 0	5 SQUARE 2
LAT 44 36 N	DAY 22	DATA USE 1	BAROMETER 1026.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 47.3W	NGUR 05.2	AREA 05	CLOUD 1/A	CL/TR	WEATHER X3	ORIG_011 371	1 SQUARE 48

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TOT P-	NO2	NO3	S103	PM
05.2	STO	00000	03.86	32.52	25.85	00.000	1462.9							
	OBS	00003	03.86	32.518	25.85		1463.0							
	OBS	00007	03.12	32.551	25.95		1455.9							
	STO	00010	02.96	32.57	25.98	00.021	1459.3							
	OBS	00011	02.84	32.582	25.95		1458.8							
	STO	00020	01.85	32.65	26.13	00.041	1454.7							
	OBS	00021	01.35	32.673	26.18		1452.6							
	OBS	00026	00.54	32.654	26.24		1449.0							
	STO	00030	- 0.44	32.84	26.41	00.058	1444.8							
	OBS	00030	- 0.56	32.861	26.43		1444.2							
	OBS	00034	- 1.30	32.587	26.55		1441.0							
	OBS	00045	- 1.65	33.107	26.66		1435.7							
	STO	00050	- 1.65	33.13	26.67	00.088	1435.8							
	OBS	00052	- 1.65	33.138	26.68		1435.5							
	STO	00075	- 1.56	33.15	26.73	00.122	1440.8							
	OBS	00076	- 1.55	33.195	26.73		1440.8							
	STO	00100	- 1.54	33.32	26.83	00.154	1442.4							
	OBS	00102	- 1.21	33.340	26.84		1442.6							
	STO	00125	- 1.04	33.47	26.94	00.183	1444.4							
	OBS	00125	- 1.03	33.476	26.94		1444.5							
	STO	00150	- 0.76	33.52	26.97	00.211	1446.1							
	OBS	00152	- 0.73	33.540	26.98		1446.4							
	OBS	00171	- 0.21	33.800	27.17		1449.5							
	OBS	00175	00.28	33.860	27.22		1451.0							
	OBS	00176	00.28	33.570	27.28		1452.1							
	OBS	00186	00.98	34.110	27.35		1455.6							
	STO	00200	01.82	34.22	27.38	00.256	1459.7							
	OBS	00201	01.91	34.230	27.38		1460.1							
	OBS	00228	02.64	34.360	27.45		1463.9							
	OBS	00245	02.75	34.370	27.43		1464.7							
	OBS	00247	01.98	34.290	27.43		1461.3							
	STO	00250	01.98	34.35	27.46	00.290	1461.4							
	OBS	00251	01.98	34.352	27.48		1461.4							
	OBS	00281	02.57	34.500	27.55		1464.7							
	OBS	00293	02.87	34.570	27.58		1466.3							
	STO	00300	03.33	34.70	27.64	00.316	1466.6							
	OBS	00300	03.56	34.710	27.64		1468.7							
	OBS	00304	03.43	34.723	27.65		1469.1							
	OBS	00312	03.13	34.650	27.65		1467.9							
	OBS	00338	03.79	34.830	27.65		1471.3							
	OBS	00350	03.84	34.810	27.67		1471.7							
	STO	00400	03.77	34.82	27.69	00.365	1472.3							
	OBS	00403	03.77	34.820	27.69		1472.5							
	OBS	00453	04.38	34.850	27.68		1474.5							
	STO	00500	04.15	34.91	27.72	00.405	1475.6							
	OBS	00502	04.15	34.912	27.72		1475.7							
	OBS	00552	04.03	34.920	27.74		1476.0							
	STO	00600	03.99	34.93	27.75	00.452	1476.6							
	OBS	00601	03.99	34.926	27.75		1476.6							
	OBS	00651	03.97	34.930	27.76		1477.4							
	STO	00700	03.97	34.93	27.76	00.493	1478.2							
	OBS	00700	03.97	34.930	27.76		1478.2							
	OBS	00750	03.94	34.930	27.76		1478.9							
	STO	00800	03.94	34.93	27.76	00.536	1479.7							
	OBS	00803	03.94	34.930	27.76		1479.8							
	OBS	00852	03.92	34.930	27.76		1480.5							
	STO	00900	03.90	34.93	27.76	00.578	1481.2							
	OBS	00902	03.90	34.930	27.76		1481.3							
	OBS	00951	03.88	34.930	27.76		1482.0							
	STO	01000	03.88	34.94	27.77	00.621	1482.8							
	OBS	01001	03.88	34.937	27.77		1482.8							
	STO	01100	03.86	34.93	27.77	00.665	1484.4							
	OBS	01100	03.86	34.930	27.77		1484.4							
	STO	01200	03.84	34.93	27.77	00.710	1486.0							
	OBS	01203	03.84	34.930	27.77		1486.0							
	OBS	01257	03.86	34.930	27.77		1486.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 11 0555	YEAR 1973	BOTOP 02507	AIR TEMP 05.9	LIR HGT PER	WIND-LIR 25	INST STD RECORDER	TEN SQ 1536
CONSEC 0167	MONTH 06	SHIP EV	WET BULB 05.6	00 J X	WIND-SPO 05	TRACE DIR 0	5 SQUARE 2
LAT 44 06 N	DAY 22	DATA USE 1	BAROMETR 1029.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 36 W	MOOR 07.1	AREA 05	CLOUD TRA	CL/7R	WEATHER X7	ORIG 011 372	1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OATG	P34	TOT P.	NO2	NO3	S103	PH
07.1	STO	00000	05.01	32.78	25.94	00.000	1468.1							
	085	00005	05.01	32.775	25.94		1468.2							
	085	00007	04.96	32.783	25.95		1468.0							
	STO	00010	04.84	32.76	25.94	00.021	1467.5							
	085	00011	04.71	32.745	25.94		1467.0							
	085	00015	03.16	32.642	26.01		1460.4							
	STO	00020	03.11	32.65	26.05	00.041	1460.3							
	085	00022	02.58	32.734	26.10		1459.6							
	085	00026	02.14	32.625	26.08		1456.1							
	STO	00030	02.06	32.72	26.17	00.060	1455.5							
	085	00030	02.04	32.737	26.18		1455.8							
	085	00038	01.64	32.845	26.30		1454.3							
	085	00049	02.02	33.061	26.44		1456.5							
	STO	00050	01.56	33.06	26.45	00.095	1456.3							
	085	00053	01.62	33.081	26.49		1454.8							
	085	00068	00.53	33.312	26.74		1450.5							
	STO	00075	00.47	33.33	26.76	00.131	1450.3							
	085	00076	00.45	33.334	26.76		1450.3							
	085	00055	0.04	33.467	26.89		1448.5							
	STO	00100	00.02	33.51	26.93	00.161	1449.0							
	085	00102	00.05	33.535	26.94		1445.2							
	STO	00125	00.23	33.60	26.99	00.185	1450.5							
	085	00125	00.23	33.607	26.99		1450.5							
	085	00144	00.21	33.682	27.05		1450.8							
	STO	00150	00.24	33.73	27.09	00.214	1451.1							
	085	00152	00.26	33.746	27.10		1451.2							
	085	00175	00.81	33.885	27.18		1454.3							
	STO	00200	01.74	34.20	27.38	00.257	1455.3							
	085	00201	01.80	34.220	27.38		1455.6							
	085	00228	02.52	34.350	27.43		1463.4							
	085	00243	02.34	34.353	27.45		1462.5							
	STO	00250	02.44	34.37	27.45	00.251	1463.5							
	085	00255	02.45	34.377	27.46		1463.6							
	085	00258	02.41	34.363	27.45		1463.4							
	085	00262	02.17	34.375	27.48		1462.5							
	085	00277	02.31	34.450	27.56		1465.5							
	STO	00300	02.64	34.55	27.58	00.321	1465.4							
	085	00300	02.66	34.557	27.58		1465.5							
	085	00304	02.75	34.580	27.59		1468.0							
	085	00312	03.24	34.705	27.65		1468.4							
	085	00323	03.55	34.713	27.63		1465.9							
	085	00335	04.21	34.853	27.67		1475.1							
	085	00350	04.24	34.840	27.66		1473.4							
	085	00373	04.21	34.850	27.67		1473.7							
	085	00384	04.51	34.915	27.69		1475.2							
	STO	00400	04.59	34.91	27.67	00.371	1475.8							
	085	00403	04.61	34.910	27.67		1475.5							
	085	00453	04.64	34.923	27.68		1476.9							
	STO	00500	04.27	34.92	27.72	00.417	1476.1							
	085	00502	04.26	34.925	27.72		1476.1							
	085	00552	04.14	34.935	27.74		1476.5							
	STO	00600	04.09	34.92	27.74	00.460	1477.0							
	085	00605	04.08	34.920	27.74		1477.1							
	085	00651	04.04	34.937	27.75		1477.7							
	STO	00700	03.59	34.93	27.75	00.503	1478.3							
	085	00700	03.59	34.930	27.75		1478.3							
	085	00750	03.98	34.920	27.75		1475.1							
	STO	00800	03.99	34.91	27.74	00.546	1475.5							
	085	00803	03.99	34.910	27.74		1480.0							
	085	00852	03.52	34.910	27.74		1480.5							
	STO	00900	03.66	34.91	27.75	00.550	1481.0							
	085	00902	03.86	34.910	27.75		1481.1							
	085	00951	03.64	34.910	27.75		1481.8							
	STO	01000	03.75	34.93	27.77	00.634	1482.4							
	085	01001	03.79	34.928	27.77		1482.5							
	STO	01100	03.76	34.92	27.77	00.677	1484.0							
	085	01100	03.76	34.916	27.77		1484.0							
	STO	01200	03.83	34.92	27.76	00.722	1485.9							
	085	01203	02.83	34.922	27.76		1486.0							
	085	01237	03.85	34.930	27.77		1486.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOO L S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTOP 03252	AIR TEMP 06.8	OIR MGT PEP	WING-DIP 17	INST 570 RECORDER	TEN SQ 1306
CDNSEC 0160	MONTH 06	SHIP EV	NET BULB 06.8	00 0 X	WING-SPJ 07	TRACE DIR 0	5 SQUARE 2
LAT 05.5N	DAY 22	DATA USE 1	BAROMETR 100.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 22 W	MOJR 05.2	AREA 05	CLOUD T/A	CL/TR	WEATHER A9	ORIG 011 573	1 SQUARE 48

CASSTNUM/TIME	LV. TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPMT	SND VEL	OXYG	PO4	TOT P	N02	N03	S103	Ph
09.2	STO	00000	04.96	32.77	25.94	00.000	1467.9							
	085	00005	04.96	32.770	25.94		1467.9							
	STO	00010	04.90	32.67	25.53	00.021	1465.1							
	085	00011	04.12	32.646	25.93		1466.4							
	085	00015	03.64	32.714	26.03		1462.5							
	085	00019	01.07	32.690	26.21		1451.3							
	STO	00020	03.50	32.75	26.29	00.040	1446.8							
	085	00022	- 0.71	32.683	26.45		1443.4							
	STO	00030	- 1.11	32.55	26.55	00.056	1441.8							
	085	00030	- 1.13	32.555	26.56		1441.8							
	085	00045	- 1.42	33.181	26.71		1441.0							
	STO	00050	- 1.41	33.20	26.73	00.084	1441.0							
	085	00053	- 1.35	33.284	26.80		1441.5							
	085	00060	- 1.13	33.295	26.80		1442.7							
	085	00064	00.30	33.450	26.80		1445.6							
	085	00068	- 0.02	33.405	26.84		1448.1							
	085	00072	- 0.53	33.368	26.84		1445.8							
	STO	00075	- 0.36	33.42	26.87	00.116	1446.7							
	085	00075	00.32	33.457	26.91		1448.6							
	085	00067	00.75	33.548	26.91		1452.3							
	085	00095	- 0.03	33.550	26.96		1448.7							
	STO	00100	00.06	33.56	26.96	00.144	1445.2							
	085	00102	00.11	33.560	26.96		1445.5							
	085	00106	- 0.55	33.543	26.98		1446.5							
	085	00110	- 0.62	33.606	27.03		1446.3							
	STO	00125	00.24	33.75	27.14	00.170	1450.8							
	085	00125	00.27	33.752	27.14		1450.5							
	085	00137	00.86	33.600	27.19		1453.9							
	085	00140	00.91	33.880	27.17		1454.2							
	085	00148	00.60	33.938	27.24		1453.0							
	STO	00150	01.03	33.98	27.25	00.192	1455.0							
	085	00152	01.47	34.020	27.25		1457.1							
	085	00156	01.63	34.027	27.24		1457.9							
	085	00159	02.52	34.150	27.26		1462.0							
	085	00178	03.23	34.688	27.30		1465.5							
	085	00182	03.64	34.550	27.31		1467.4							
	085	00186	03.75	34.557	27.31		1467.9							
	085	00190	03.46	34.520	27.32		1466.9							
	STO	00200	03.52	34.55	27.34	00.232	1467.3							
	085	00201	03.53	34.555	27.34		1467.3							
	085	00205	03.45	34.555	27.33		1467.0							
	085	00217	03.55	34.560	27.34		1467.7							
	085	00226	03.60	34.550	27.36		1468.1							
	085	00235	03.65	34.506	27.45		1468.8							
	085	00247	04.00	34.560	27.46		1470.3							
	STO	00250	04.41	34.62	27.47	00.267	1472.2							
	085	00253	05.02	34.720	27.47		1476.9							
	085	00270	05.03	34.717	27.47		1475.2							
	085	00277	04.77	34.700	27.49		1476.2							
	085	00286	04.00	34.580	27.47		1471.1							
	STO	00300	03.64	34.58	27.48	00.295	1471.0							
	085	00300	03.53	34.577	27.48		1470.9							
	085	00308	03.75	34.563	27.49		1470.2							
	085	00350	03.44	34.673	27.60		1465.8							
	085	00357	03.84	34.700	27.61		1470.8							
	085	00361	04.04	34.744	27.60		1472.6							
	085	00365	04.72	34.512	27.66		1475.8							
	085	00380	04.83	34.525	27.66		1476.5							
	085	00388	04.23	34.820	27.64		1474.0							
	STO	00400	04.15	34.85	27.66	00.356	1473.9							
	085	00403	04.13	34.837	27.66		1473.8							
	085	00407	04.22	34.845	27.66		1474.3							
	085	00415	04.02	34.810	27.65		1473.5							
	085	00456	03.40	34.720	27.65		1471.5							
	085	00464	03.44	34.750	27.65		1471.8							
	085	00475	03.51	34.845	27.69		1474.2							
	085	00451	03.55	34.845	27.65		1474.5							
	085	00496	03.67	34.810	27.69		1473.4							
	STO	00500	03.65	34.83	27.70	00.402	1473.6							
	085	00502	03.73	34.860	27.72		1473.8							
	085	00506	04.10	34.910	27.73		1475.5							
	085	00521	04.15	34.915	27.72		1475.9							
	085	00552	04.37	34.930	27.71		1477.4							
	STO	00600	04.17	34.92	27.73	00.447	1477.4							
	085	00604	04.17	34.920	27.73		1477.4							
	085	00651	04.07	34.917	27.73		1477.8							
	STO	00700	04.00	34.91	27.74	00.451	1478.3							
	085	00700	04.00	34.910	27.74		1478.3							
	085	00750	03.96	34.910	27.74		1475.0							
	STO	00800	03.84	34.94	27.78	00.533	1475.3							
	085	00805	02.83	34.940	27.78		1475.3							
	085	00852	03.75	34.930	27.77		1480.0							
	STO	00900	03.76	34.93	27.78	00.574	1480.6							
	085	00902	03.76	34.930	27.78		1480.7							
	085	00951	03.76	34.922	27.77		1481.5							
	STO	01000	03.74	34.91	27.76	00.616	1482.2							
	085	01001	03.74	34.910	27.76		1482.2							
	STO	01100	03.70	34.94	27.79	00.658	1483.7							
	085	01100	03.70	34.940	27.79		1483.7							
	STO	01200	03.69	34.91	27.77	00.702	1485.3							
	085	01203	03.65	34.910	27.77		1485.4							
	085	01235	03.69	34.910	27.77		1485.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 6555	YEAR 1973	BOTOP 02553	AIR TEMP 08.8	DIR HGT PER	WIND-DIR 16	INST STO RECORDER	TEN SQ 1306
COMSEC J169	MONTH 06	SHIP EV	WET 6ULB 08.8	00 0 A	WIND-SPD 09	TRACE DIR 0	5 SQUARE 2
LAT 44 35.5N	DAY 22	DATA USE 1	BAROMETR 1030.6	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 08 W	MOOR 11.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 374	1 SQUARE 46

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
11.5	STO	00000	05.74	33.67	25.98	00.000	1487.7							
	OBS	00007	05.74	33.670	25.98		1487.9							
	STO	00010	05.71	33.67	25.98	00.020	1487.8							
	OBS	00015	05.65	33.730	26.04		1487.7							
	OBS	00019	05.35	33.820	26.16		1486.8							
	STO	00020	05.35	33.84	26.17	00.040	1486.8							
	OBS	00022	05.35	33.890	26.21		1486.9							
	STO	00030	05.85	34.03	26.24	00.058	1485.1							
	OBS	00030	05.87	34.030	26.24		1489.2							
	OBS	00034	05.94	34.040	26.23		1485.5							
	OBS	00036	05.58	33.970	26.24		1488.2							
	OBS	00041	05.09	34.200	26.50		1486.7							
	OBS	00045	05.20	34.420	26.65		1487.4							
	OBS	00049	05.64	34.770	26.85		1489.6							
	STO	00050	05.72	34.60	26.86	00.080	1485.9							
	OBS	00053	10.06	34.520	26.90		1491.4							
	OBS	00060	09.83	34.850	26.91		1490.6							
	OBS	00072	06.34	34.550	26.92		1484.9							
	STO	00075	07.85	34.51	26.93	00.118	1482.9							
	OBS	00076	07.68	34.480	26.93		1482.3							
	OBS	00083	07.05	34.460	27.01		1479.9							
	OBS	00087	06.55	34.430	27.05		1478.1							
	OBS	00055	07.22	34.600	27.09		1480.9							
	OBS	00055	07.68	34.710	27.11		1482.9							
	STO	00100	07.65	34.71	27.11	00.144	1483.0							
	OBS	00102	07.72	34.710	27.11		1483.2							
	OBS	00110	07.76	34.720	27.11		1483.4							
	STO	00125	08.34	34.91	27.17	00.168	1486.1							
	OBS	00125	08.36	34.920	27.18		1486.3							
	OBS	00133	08.06	34.850	27.17		1485.1							
	OBS	00140	08.50	34.920	27.15		1487.0							
	OBS	00144	08.38	34.910	27.17		1486.6							
	STO	00150	08.64	35.02	27.21	00.191	1487.8							
	OBS	00152	08.72	35.055	27.23		1488.2							
	OBS	00155	08.86	35.070	27.22		1488.9							
	OBS	00175	08.61	35.058	27.25		1488.2							
	OBS	00186	08.34	35.022	27.26		1487.3							
	OBS	00198	06.88	34.755	27.26		1481.5							
	STO	00200	06.81	34.73	27.26	00.234	1481.2							
	OBS	00201	06.74	34.720	27.25		1481.0							
	OBS	00213	06.56	34.690	27.28		1475.6							
	OBS	00220	06.03	34.655	27.30		1476.4							
	OBS	00228	06.18	34.710	27.32		1475.2							
	OBS	00232	05.82	34.632	27.31		1477.7							
	OBS	00243	05.58	34.645	27.35		1476.5							
	OBS	00247	05.77	34.715	27.38		1477.8							
	STO	00250	05.70	34.71	27.38	00.274	1477.6							
	OBS	00251	05.67	34.705	27.38		1477.5							
	OBS	00277	05.07	34.715	27.46		1475.5							
	OBS	00285	05.32	34.755	27.46		1476.7							
	OBS	00289	05.69	34.858	27.50		1478.4							
	STO	00300	05.78	34.86	27.49	00.309	1478.9							
	OBS	00300	05.79	34.858	27.49		1475.0							
	OBS	00319	05.30	34.830	27.53		1477.3							
	OBS	00323	05.35	34.840	27.53		1477.5							
	OBS	00350	05.07	34.842	27.56		1476.9							
	STO	00400	05.30	34.92	27.60	00.369	1476.7							
	OBS	00405	05.30	34.920	27.60		1478.8							
	OBS	00453	05.12	34.928	27.63		1478.9							
	STO	00500	04.66	34.91	27.64	00.422	1478.6							
	OBS	00502	04.64	34.912	27.65		1478.5							
	OBS	00555	04.35	34.910	27.70		1477.4							
	STO	00600	04.03	34.86	27.69	00.471	1476.7							
	OBS	00601	04.02	34.860	27.69		1476.7							
	OBS	00651	04.01	34.910	27.74		1477.5							
	STO	00700	04.03	34.92	27.74	00.516	1478.4							
	OBS	00700	04.03	34.920	27.74		1476.4							
	OBS	00750	04.10	34.910	27.73		1475.5							
	STO	00800	04.00	34.91	27.74	00.560	1480.0							
	OBS	00810	04.00	34.910	27.74		1480.1							
	OBS	00852	04.04	34.920	27.74		1481.0							
	STO	00900	04.11	34.93	27.74	00.605	1482.1							
	OBS	00902	04.11	34.930	27.74		1482.1							
	OBS	00951	04.03	34.930	27.75		1482.6							
	STO	01000	03.58	34.93	27.75	00.651	1483.2							
	OBS	01001	03.98	34.925	27.75		1483.2							
	STO	01100	03.92	34.93	27.76	00.696	1484.7							
	OBS	01100	03.52	34.930	27.76		1484.7							
	STO	01200	03.86	34.93	27.76	00.741	1486.1							
	OBS	01203	03.86	34.927	27.76		1486.1							
	OBS	01237	03.84	34.930	27.77		1486.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REF ID 51	W555	YEAR 1973	BOATOP 03556	AIR TEMP 10.7	OIR MGT PER	WIND-OIR 20	INST STO RECORDER	TEN SO 1366
CONSEC 0193	MCNTM 06	SHIP EV	WET BULB 10.4	25 0 6	WIND-SPO 06	TRACE OIR	5 SQUARE 2	
LAT 35.3N	DAY 22	DATA USE 1	BAROMETR 1030.9	SEA	WIND-FOR	DURATION	2 SQUARE 40	
LONG 047 57.5W	MOUR 13.7	AREA 05	CLOUD 7/A	CL/7R	WEATHER 14	ORIG 011 375	1 SQUARE 47	

CASNUM/TIME	LVLTP	DEPTM	TEMP	SAL	SIGMA-T	SYNOPTII	END VEL	OXYG	PO4	TOT P.	NO2	NO3	SIO3	PH
13.7	STO	00030	11.05	34.22	26.18	00.003	1492.2							
	085	00033	11.05	34.216	26.18		1493.2							
	STO	00010	10.12	34.29	26.36	00.017	1490.1							
	085	00011	09.56	34.250	26.42		1489.5							
	085	00015	05.64	34.280	26.47		1488.4							
	STO	00020	09.64	34.34	26.52	00.031	1488.0							
	085	00022	09.64	34.367	26.54		1488.6							
	STO	00030	09.63	34.37	26.54	00.040	1488.7							
	085	00033	04.63	34.367	26.54		1488.7							
	085	00034	08.96	34.130	26.54		1488.1							
	STO	00035	07.81	34.47	26.41	00.075	1485.5							
	085	00053	07.62	34.485	26.95		1481.7							
	085	00064	07.10	34.436	26.98		1475.8							
	085	00068	06.73	34.356	27.00		1478.3							
	085	00072	06.58	34.386	27.01		1477.8							
	STO	00075	06.70	34.50	27.09	00.102	1478.5							
	085	00076	06.77	34.534	27.10		1478.8							
	085	00079	07.06	34.590	27.11		1480.1							
	085	00083	07.09	34.625	27.13		1480.3							
	085	00087	07.80	34.770	27.14		1482.3							
	STO	00100	08.15	34.85	27.15	00.126	1485.0							
	085	00102	08.22	34.865	27.15		1485.3							
	085	00118	08.48	34.925	27.16		1486.6							
	STO	00125	08.04	34.82	27.15	00.150	1486.9							
	085	00125	08.00	34.817	27.15		1486.7							
	085	00140	07.21	34.665	27.15		1481.7							
	085	00148	06.81	34.550	27.14		1480.2							
	STO	00150	06.79	34.58	27.14	00.174	1480.1							
	085	00152	06.77	34.570	27.13		1480.1							
	085	00175	06.66	34.676	27.23		1480.2							
	085	00182	06.67	34.672	27.23		1480.3							
	085	00190	08.17	34.960	27.24		1486.6							
	STO	00200	08.06	34.93	27.23	00.220	1486.4							
	085	00201	08.04	34.930	27.23		1486.3							
	085	00213	07.89	34.925	27.25		1485.9							
	085	00217	07.64	34.878	27.25		1484.9							
	085	00224	06.16	34.627	27.26		1478.9							
	085	00228	06.11	34.695	27.32		1478.9							
	085	00239	06.24	34.715	27.32		1475.6							
	085	00247	05.89	34.680	27.34		1478.3							
	STO	00250	05.86	34.70	27.35	00.261	1478.3							
	085	00251	05.88	34.700	27.35		1478.3							
	085	00255	05.91	34.700	27.35		1478.5							
	085	00270	04.44	34.520	27.38		1472.5							
	085	00274	04.55	34.520	27.36		1473.2							
	085	00277	04.51	34.570	27.41		1473.0							
	085	00297	05.30	34.745	27.45		1477.0							
	STO	00300	05.70	34.80	27.45	00.298	1478.5							
	085	00304	05.59	34.850	27.46		1475.8							
	085	00312	05.60	34.830	27.46		1475.4							
	085	00325	05.30	34.773	27.46		1477.3							
	085	00331	05.50	34.850	27.52		1478.2							
	085	00350	05.00	34.840	27.57		1476.6							
	085	00373	04.50	34.850	27.56		1476.8							
	STO	00400	05.01	34.85	27.57	00.360	1477.4							
	085	00403	05.02	34.850	27.58		1477.5							
	085	00445	05.16	34.520	27.61		1476.9							
	085	00453	05.46	34.970	27.62		1480.3							
	STO	00500	05.35	34.57	27.63	00.415	1480.7							
	STO	00600	05.12	34.58	27.67	00.467	1481.4							
	STO	00700	04.85	34.95	27.70	00.517	1482.1							
	085	00700	04.89	34.990	27.70		1482.1							
	085	00727	04.66	34.940	27.69		1481.5							
	STO	00800	04.57	34.94	27.70	00.566	1482.4							
	STO	00900	04.44	34.54	27.71	00.614	1483.5							
	085	00951	04.37	34.940	27.72		1484.1							
	STO	01000	04.19	34.53	27.73	00.662	1484.1							
	085	01001	04.19	34.534	27.74		1484.1							
	STO	01100	04.00	34.91	27.74	00.710	1485.0							
	085	01100	04.00	34.510	27.74		1485.0							
	STO	01200	03.92	34.92	27.75	00.757	1486.3							
	085	01203	03.92	34.520	27.75		1486.4							
	085	01225	03.50	34.510	27.75		1486.6							
	085	01229	03.51	34.910	27.75		1486.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 6355	YEAR 1973	BOTOP 00787	AIR TEMP 11.7	OIR HGT PER	WIND-OIR 20	INST STO RECORER	TEN SQ 1366
CONSEC 019.	MCNTH 06	SHIP EV	WET BULB 11.7	00 0 A	WIND-SPO 10	TRACE OIR 0	5 SQUARE 2
LAT 43 50.1N	OAY 26	DATA USE 1	BAROMETR 1034.3	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 045 15 W	MDUR 12.2	AREA 05	CLOUD T/A	CL/7R	WEATHER A4	ORIG 011 376	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIC3	P4
12.2	STO	00000	04.61	32.49	25.75	00.000	1466.0							
	OBS	00003	04.61	32.487	25.75		1466.1							
	OBS	00007	03.59	32.454	25.86		1461.9							
	STO	00010	03.33	32.51	25.89	00.022	1460.8							
	OBS	00011	03.21	32.511	25.91		1460.3							
	OBS	00019	02.88	32.517	25.94		1459.0							
	STO	00020	02.76	32.54	25.97	00.043	1456.6							
	OBS	00022	02.49	32.556	26.03		1457.5							
	OBS	00026	02.25	32.636	26.09		1456.6							
	STO	00030	01.88	32.64	26.12	00.062	1455.0							
	OBS	00030	01.82	32.646	26.12		1454.7							
	STO	00050	- 0.61	32.55	26.50	00.097	1444.5							
	OBS	00055	- 0.66	32.487	26.54		1443.4							
	STO	00075	- 1.36	33.18	26.71	00.133	1441.7							
	OBS	00076	- 1.37	33.180	26.71		1441.6							
	OBS	00091	- 1.46	33.200	26.73		1441.5							
	STO	00100	- 1.43	33.21	26.72	00.166	1441.8							
	OBS	00106	- 1.40	33.225	26.75		1442.1							
	STO	00115	- 1.24	33.34	26.84	00.198	1443.3							
	OBS	00123	- 1.23	33.344	26.84		1443.4							
	STO	00150	- 1.00	33.43	26.90	00.227	1445.0							
	OBS	00152	- 0.99	33.436	26.91		1445.0							
	OBS	00175	- 0.98	33.477	26.94		1445.5							
	STO	00200	- 0.73	33.55	26.99	00.283	1447.1							
	OBS	00201	- 0.74	33.555	26.99		1447.2							
	OBS	00205	- 0.73	33.577	27.01		1447.3							
	OBS	00206	- 0.45	33.670	27.08		1448.8							
	OBS	00228	- 0.20	33.897	27.09		1450.3							
	STO	00250	00.35	33.86	27.15	00.332	1453.4							
	OBS	00251	00.35	33.874	27.20		1453.7							
	OBS	00262	00.83	34.020	27.29		1456.0							
	OBS	00266	01.76	34.213	27.38		1460.5							
	OBS	00270	02.13	34.230	27.37		1462.2							
	OBS	00277	02.48	34.364	27.45		1464.1							
	OBS	00285	02.70	34.443	27.49		1465.3							
	STO	00300	03.24	34.56	27.54	00.368	1468.0							
	OBS	00300	03.26	34.570	27.54		1468.1							
	OBS	00350	03.61	34.700	27.61		1470.6							
	STO	00400	03.68	34.71	27.61	00.423	1471.7							
	OBS	00403	03.69	34.715	27.61		1471.8							
	OBS	00453	03.89	34.848	27.70		1473.7							
	STO	00500	03.91	34.84	27.69	00.473	1474.5							
	OBS	00502	03.91	34.840	27.69		1474.5							
	OBS	00552	03.96	34.857	27.70		1475.6							
	STO	00600	03.97	34.89	27.72	00.518	1476.5							
	OBS	00601	03.97	34.890	27.72		1476.5							
	OBS	00651	04.00	34.910	27.74		1477.5							
	STO	00700	04.00	34.92	27.74	00.561	1478.3							
	OBS	00700	04.00	34.920	27.74		1478.3							
	OBS	00750	03.98	34.930	27.75		1479.1							
	OBS	00757	03.98	34.930	27.75		1479.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0555	YEAR 1973	BOTOP 00257	AIR TEMP 12.3	DIR HGT PER	WIND-DIR 24	INST STO RECORDER	TEN SW 1306
CONSEC 0192	MONTH 06	SHIP EV	WET BULB 12.3	00 0 X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 43 49.7N	DAY 26	DATA USE 1	BAROMETR 1034.5	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 07.7E	MOJ 14.2	AREA 05	CLDUO T/A	CL/TR	WEATHER X4	DRIG_011 377	1 SQUARE 35

CASHTIME/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	DAYG	PJ4	TOT P	NO2	NO3	SIO3	PH
14.2	STD	00000	07.53	32.54	25.45	00.000	1477.9							
	GBS	00003	07.53	32.540	25.45		1476.0							
	GBS	00007	05.67	32.280	25.47		1470.3							
	STD	00010	04.74	32.43	25.69	00.024	1466.7							
	GBS	00011	04.50	32.500	25.75		1464.9							
	GBS	00015	03.19	32.600	25.58		1460.5							
	STD	00020	03.11	32.61	25.55	00.046	1460.1							
	GBS	00022	02.56	32.620	26.01		1459.6							
	GBS	00026	02.56	32.620	26.01		1455.6							
	STD	00030	02.55	32.61	26.04	00.066	1457.5							
	GBS	00033	02.51	32.610	26.04		1457.7							
	GBS	00034	02.57	32.650	26.05		1457.2							
	GBS	00038	01.43	32.650	26.15		1453.1							
	GBS	00041	00.29	32.650	26.36		1448.3							
	GBS	00045	- 0.20	32.550	26.47		1446.2							
	STD	00050	- 0.64	33.00	26.54	00.101	1444.4							
	GBS	00053	- 0.92	33.050	26.55		1443.2							
	STD	00075	- 1.39	33.19	26.72	00.136	1441.6							
	GBS	00076	- 1.39	33.200	26.73		1441.6							
	GBS	00051	- 1.15	33.380	26.87		1443.0							
	STD	00100	00.24	33.51	26.91	00.167	1450.0							
	GBS	00102	00.74	33.560	26.93		1452.4							
	GBS	00116	03.74	33.900	26.56		1466.2							
	STD	00125	02.59	33.76	26.95	00.195	1461.2							
	GBS	00125	02.52	33.750	26.95		1460.5							
	GBS	00129	02.15	33.720	26.95		1459.5							
	GBS	00137	01.18	33.670	27.08		1455.8							
	GBS	00140	01.34	33.780	27.06		1456.0							
	GBS	00144	01.30	33.820	27.10		1455.9							
	STD	00150	02.12	33.53	27.13	00.221	1455.8							
	GBS	00156	02.70	34.001	27.14		1462.5							
	GBS	00159	02.87	34.020	27.14		1463.3							
	GBS	00167	03.70	34.217	27.22		1467.3							
	GBS	00171	03.85	34.254	27.23		1468.2							
	GBS	00178	04.36	34.313	27.22		1470.4							
	GBS	00190	01.51	33.581	27.21		1457.8							
	STD	00200	01.40	33.59	27.23	00.266	1457.5							
	GBS	00201	01.38	34.027	27.26		1457.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 6355	YEAR 1973	BOATP 00655	AIR TEMP 12.3	OIR MGT PER	WIND-DIR 22	INST STO RECORDER	7EN 50 1306
CONSEC 0193	MONTH 06	SHIP EV	WET BULB 11.9	00 0 X	WIND-SPD 12	TRACE OIR 0	5 SQUARE 2
LAT 43 49.7N	DAY 26	DATA USE 1	BAROMETR 1034.0	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 00 W	MOUR 15.2	AREA 05	CLOUD T/A	CL/TR	WEATHER K4	ORIG 011 378	1 SQUARE 35

CASNUM/TIME	LVLTP	CEPTH	TEMP	SAL	SIGNA-T	OVNOPTM	SND VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PN
15.2	STO	00000	06.90	32.53	25.53	00.000	1475.4							
	OBS	00003	06.90	32.550	25.53		1475.5							
	OBS	00007	04.85	32.575	25.79		1467.5							
	STO	00010	04.44	32.61	25.87	00.023	1465.7							
	OBS	00011	04.22	32.625	25.50		1464.8							
	STO	00020	03.76	32.63	25.55	00.044	1463.0							
	OBS	00022	03.61	32.640	25.57		1462.4							
	STO	00030	03.23	32.65	26.04	00.064	1461.0							
	OBS	00030	03.18	32.654	26.05		1460.8							
	OBS	00034	02.67	32.778	26.16		1458.7							
	OBS	00038	01.88	32.934	26.35		1455.3							
	OBS	00041	00.60	32.531	26.42		1450.8							
	OBS	00045	- 0.06	32.932	26.46		1446.5							
	OBS	00049	- 0.14	33.213	26.69		1447.0							
	STO	00050	- 0.07	33.22	26.65	00.098	1447.3							
	OBS	00053	03.25	33.250	26.70		1448.9							
	OBS	00057	03.35	33.322	26.76		1449.5							
	OBS	00064	- 0.09	33.311	26.77		1447.6							
	OBS	00068	- 0.46	33.334	26.80		1446.0							
	OBS	00072	- 0.09	33.451	26.88		1447.9							
	STO	00075	- 0.24	33.43	26.87	00.125	1447.3							
	OBS	00076	- 0.25	33.426	26.87		1447.0							
	OBS	00087	- 0.63	33.483	26.93		1445.7							
	OBS	00091	00.02	33.552	26.96		1448.9							
	OBS	00095	00.44	33.625	27.00		1451.0							
	OBS	00099	01.21	33.680	26.59		1454.6							
	STO	00100	01.21	33.67	26.99	00.138	1454.6							
	OBS	00102	01.20	33.659	26.98		1454.6							
	OBS	00114	00.85	33.674	27.01		1453.4							
	STO	00125	01.08	33.77	27.08	00.184	1456.5							
	OBS	00125	01.09	33.778	27.08		1456.6							
	OBS	00144	01.64	33.647	27.18		1437.6							
	STO	00150	02.39	34.08	27.23	00.207	1461.2							
	OBS	00152	02.58	34.120	27.24		1462.1							
	OBS	00156	02.73	34.150	27.25		1462.9							
	OBS	00175	02.44	34.110	27.24		1461.9							
	OBS	00190	02.76	34.220	27.31		1463.6							
	OBS	00194	03.59	34.360	27.30		1465.1							
	STO	00200	04.01	34.37	27.31	00.248	1469.3							
	OBS	00201	04.01	34.375	27.31		1465.4							
	OBS	00213	04.01	34.470	27.39		1465.7							
	OBS	00217	04.67	34.575	27.40		1472.7							
	OBS	00224	04.59	34.550	27.42		1472.5							
	OBS	00228	04.11	34.510	27.41		1470.4							
	OBS	00236	04.09	34.517	27.41		1470.5							
	STO	00230	03.75	34.50	27.44	00.285	1465.5							
	OBS	00251	03.72	34.503	27.44		1465.1							
	OBS	00253	03.76	34.510	27.44		1465.4							
	OBS	00258	04.31	34.570	27.43		1471.8							
	OBS	00266	04.01	34.537	27.44		1470.7							
	OBS	00270	03.65	34.470	27.42		1465.1							
	OBS	00293	04.48	34.670	27.49		1473.2							
	STO	00300	04.28	34.63	27.48	00.318	1472.5							
	OBS	00312	04.01	34.585	27.48		1471.5							
	OBS	00350	03.75	34.700	27.60		1471.2							
	OBS	00357	03.52	34.700	27.62		1470.3							
	OBS	00376	03.79	34.720	27.61		1471.8							
	OBS	00380	04.04	34.845	27.68		1475.5							
	STO	00400	04.25	34.84	27.66	00.374	1474.3							
	OBS	00403	04.27	34.842	27.65		1474.4							
	OBS	00453	04.25	34.912	27.71		1475.3							
	STO	00500	04.12	34.91	27.72	00.420	1475.5							
	OBS	00502	04.12	34.910	27.72		1475.5							
	OBS	00552	04.09	34.910	27.73		1476.2							
	STO	00600	04.08	34.91	27.73	00.463	1477.0							
	OBS	00601	04.08	34.910	27.73		1477.0							
	OBS	00631	04.03	34.922	27.74		1477.6							
	OBS	00634	04.03	34.915	27.74		1477.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOU C S T A T I O N U A T A

REFID 31 5505 YEAR 1973 DDTOP 02541 AIR TEMP 12.5 DIR M/L PER WIND-DIR 15 INST STD RECORDER TEN SQ 1306
 CONSEC 0.94 MONTH 06 SHIP EV MET 0418 12.5 00 J A WIND-SPD 08 TRACE DIR 5 SQUARE 2
 LAT 43 49.54 DAY 20 DATA USE 1 BAROMETR 1033.7 SEA WIND-FDR DURATION 2 SQUARE 28
 LONG 048 44.14 HOUR 17.1 AREA 03 CLOUD T/A CL/TR WEATHER X4 ORIG 011 375 1 SQUARE 38

C/STNUM/TIME	LVLTYF	DEPTH	TEMP	SAL	SIGMA-T	GYNUPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIG3	PH
17.1	STO	00000	03.10	32.85	25.63	00.000	1480.6							
	065	00003	03.10	32.894	25.63		1480.6							
	065	00007	07.70	32.590	25.76		1479.3							
	STO	00010	06.65	32.92	25.85	00.023	1475.1							
	065	00011	06.61	32.900	25.89		1475.3							
	065	00015	06.15	32.966	25.95		1473.3							
	STO	00020	05.94	32.53	25.94	00.044	1472.4							
	065	00022	05.24	32.841	25.96		1469.5							
	STO	00030	02.65	32.84	26.22	00.063	1458.7							
	065	00030	02.42	32.840	26.23		1457.7							
	065	00034	00.43	32.730	26.28		1448.7							
	065	00038	- 0.05	33.006	26.56		1442.1							
	065	00045	- 1.46	33.134	26.68		1440.7							
	STO	00050	- 1.42	33.15	26.69	00.095	1440.9							
	065	00053	- 1.35	33.160	26.70		1441.1							
	065	00060	- 0.72	33.353	26.83		1444.7							
	065	00064	- 0.22	33.490	26.92		1447.3							
	065	00068	01.58	33.757	27.06		1455.5							
	065	00072	03.01	33.535	27.06		1462.4							
	STO	00075	03.46	34.00	27.07	00.125	1464.5							
	065	00076	03.58	34.020	27.07		1465.0							
	065	00083	03.27	33.953	27.08		1463.8							
	065	00087	04.53	34.235	27.14		1465.5							
	STO	00100	06.22	34.47	27.13	00.145	1476.5							
	065	00102	06.42	34.459	27.12		1477.8							
	065	00114	06.54	34.500	27.11		1478.5							
	STO	00125	06.29	34.50	27.14	00.173	1477.6							
	065	00126	06.26	34.505	27.15		1477.6							
	065	00140	06.37	34.503	27.13		1476.2							
	065	00144	06.14	34.460	27.13		1477.3							
	STO	00150	05.68	34.48	27.17	00.196	1476.6							
	065	00152	05.66	34.497	27.18		1476.8							
	065	00156	05.68	34.532	27.21		1476.9							
	065	00159	06.20	34.570	27.21		1477.9							
	065	00182	06.12	34.557	27.21		1478.0							
	065	00194	05.61	34.500	27.23		1476.0							
	STO	00200	04.91	34.39	27.22	00.242	1473.1							
	065	00201	04.57	34.360	27.24		1471.7							
	065	00205	03.66	34.320	27.30		1467.9							
	065	00220	04.51	34.570	27.41		1472.0							
	065	00224	04.70	34.580	27.40		1472.9							
	035	00228	03.12	34.665	27.42		1474.8							
	STO	00250	03.36	34.71	27.42	00.281	1476.2							
	035	00251	03.37	34.713	27.43		1476.3							
	065	00258	03.29	34.650	27.42		1476.0							
	035	00277	03.04 P	34.718	27.470									
	065	00285	03.24 P	34.75 P	27.470									
	065	00293	04.48	34.590	27.43		1473.1							
	035	00297	04.28	34.49 P	27.370									
	STO	00300	03.78	34.55	27.48	00.315	1470.3							
	065	00300	03.65	34.48 P	27.430									
	065	00304	03.45	34.40 P	27.360									
	065	00308	03.20	34.525	27.51		1467.9							
	065	00335	03.64 P	34.535	27.450									
	065	00338	03.22	34.45 P	27.450									
	065	00342	02.58	34.500	27.51		1467.5							
	065	00350	03.02	34.563	27.56		1467.5							
	065	00373	03.55	34.625	27.57		1465.7							
	STO	00400	03.97	34.74	27.61	00.373	1473.0							
	065	00403	04.05	34.745	27.60		1473.4							
	065	00418	03.78	34.713	27.60		1472.4							
	065	00453	04.03	34.840	27.68		1474.2							
	STO	00500	04.03	34.86	27.69	00.423	1475.0							
	065	00502	04.03	34.860	27.69		1475.1							
	065	00552	04.10	34.860	27.69		1476.2							
	065	00563	04.02	34.857	27.65		1476.0							
	065	00567	03.55 P	34.860	27.740									
	065	00571	04.06	34.860	27.65		1476.3							
	STO	00600	04.03	34.89	27.72	00.468	1476.7							
	065	00601	04.03	34.890	27.72		1476.8							
	065	00635	03.47	34.910	27.75		1476.7							
	065	00639	03.49 P	34.910	27.790									
	065	00643	03.53 P	34.920	27.750									
	065	00647	03.32 P	34.910	27.800									

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N D A T A													
CASSTNUM/TIME	LVL7YP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	S103 PH
085	00651	03.36	P	34.515	27.800								
085	03658	04.01		34.520	27.74 *			1477.7					
085	03666	04.03		34.530	27.75			1477.9					
085	03670	03.67	P	34.527	27.780								
085	03677	03.58		34.520	27.75 *			1477.9					
085	03681	03.64	P	34.520	27.780								
085	03685	04.08		34.535	27.75 *			1478.5					
STO	03700	04.05		34.53	27.75	00.512		1478.5					
085	03700	03.73	P	34.530	27.780								
085	03704	03.53	P	34.510	27.780								
085	03708	04.02		34.510	27.73 *			1478.5					
085	03711	03.55	P	34.510	27.800								
085	03715	04.08		34.510	27.73 *			1478.9					
085	03719	03.62	P	34.525	27.790								
085	03723	04.04		34.530	27.75 *			1478.9					
085	03727	03.42	P	34.530	27.810								
085	03731	04.00		34.515	27.74 *			1478.8					
085	03734	03.96		34.520	27.75			1478.7					
085	03736	03.26	P	34.517	27.810								
085	03746	03.53		34.530	27.76 *			1478.8					
085	03750	03.52		34.525	27.76			1478.8					
085	03755	03.64		34.534	27.77			1475.2					
085	03756	03.46	P	34.532	27.810								
STO	03800	03.86		34.53	27.77 *	00.554		1475.4					
085	03803	03.55	P	34.537	27.780								
085	03822	03.75	P	34.533	27.780								
085	03826	03.55		34.520	27.75 *			1480.2					
085	03852	03.52		34.540	27.77			1480.5					
STO	03900	03.65		34.54	27.77	00.595		1481.2					
085	03902	03.89		34.535	27.77			1481.2					
085	03951	03.83		34.530	27.77			1481.8					
085	03955	03.76		34.530	27.77			1481.6					
085	03955	03.54	P	34.530	27.800								
085	03963	03.83		34.530	27.77 *			1482.0					
STO	01000	03.86		34.52	27.76	00.635		1482.7					
085	01001	03.86		34.517	27.76			1482.7					
085	01012	03.86		34.510	27.75			1482.9					
085	01024	03.86		34.510	27.75			1483.1					
STO	01100	03.88		34.52	27.75	00.684		1484.5					
085	01100	03.68		34.517	27.75			1484.5					
STO	01200	03.63		34.52	27.76	00.729		1485.9					
085	01203	03.83		34.515	27.76			1486.0					
085	01225	03.80		34.514	27.76			1486.2					

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0359 YEAR 1973 BOTOP 33249 AIR TEMP 13.2 OIR MGT PER WIND-DIR 24 INST STO RECORDER TEN SO 1306
CONSEC 3155 MONTH 06 SHIP EV WET SULB 13.2 00 0 0 WIND-SPD 10 TRACE DIR 0 5 SQUARE 2
LAT 43 30.5N DAY 26 DATA USE 1 BAROMETR 1034.0 SEA WIND-FOR DURATION 2 SQUARE 28
LONG 048 24.8W HOUR 19.5 AREA 05 CLOUD T/A CL/TR WEATHER 44 DRIG-011 3&0 1 SQUARE 38

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
19.3	STO	00000	10.82	35.33	25.53	00.000	1494.2							
	085	00003	10.82	33.331	25.53		1491.3							
	085	00007	09.66	33.367	25.75		1487.2							
	STO	00010	09.65	33.56	25.90	00.023	1487.6							
	085	00011	09.65	33.657	25.98		1487.7							
	085	00015	09.58	33.857	26.15		1487.6							
	085	00019	11.19	34.280	26.20		1494.0							
	STO	00020	11.34	34.32	26.20	00.043	1494.7							
	085	00022	11.66	34.420	26.22		1495.9							
	085	00026	11.82	34.542	26.29		1496.7							
	STO	00030	11.65	34.50	26.29	00.060	1496.1							
	085	00030	11.57	34.490	26.25		1495.8							
	085	00041	05.76	33.574	26.48		1472.5							
	085	00045	04.51	33.690	26.71		1468.0							
	085	00049	04.82	33.961	26.89		1469.7							
	STO	00050	05.10	34.01	26.90	00.090	1470.9							
	085	00057	06.81	34.350	26.95		1478.4							
	085	00063	05.97	34.253	26.97		1474.9							
	085	00068	05.26	34.167	27.00		1472.1							
	085	00072	05.32	34.166	27.00		1472.4							
	STO	00075	05.17	34.17	27.02	00.117	1471.9							
	085	00076	05.13	34.166	27.02		1471.7							
	085	00089	06.17	34.440	27.11		1476.6							
	STO	00100	06.25	34.46	27.11	00.143	1477.2							
	085	00102	06.56	34.500	27.11		1478.3							
	085	00114	06.82	34.562	27.12		1479.6							
	STO	00125	06.25	34.46	27.12	00.167	1477.4							
	085	00125	06.23	34.460	27.12		1477.3							
	085	00148	05.81	34.455	27.20		1476.1							
	STO	00150	05.97	34.53	27.21	00.191	1476.8							
	085	00152	06.20	34.580	27.22		1477.6							
	085	00167	07.56	34.824	27.22		1483.8							
	085	00175	06.97	34.725	27.23		1481.4							
	085	00182	07.06	34.723	27.21		1481.9							
	085	00198	06.89	34.700	27.22		1481.5							
	STO	00200	06.42	34.62	27.22	00.235	1479.5							
	085	00201	06.11	34.573	27.22		1478.3							
	085	00206	05.97	34.560	27.25		1477.8							
	085	00228	05.18	34.512	27.29		1474.9							
	085	00235	05.17	34.554	27.32		1475.1							
	085	00243	04.92	34.495	27.31		1474.0							
	STO	00250	04.93	34.56	27.36	00.276	1474.2							
	085	00251	04.93	34.574	27.37		1474.3							
	085	00277	05.33	34.720	27.44		1476.6							
	STO	00300	05.03	34.68	27.44	00.312	1475.7							
	085	00300	05.02	34.675	27.44		1475.6							
	085	00312	04.83	34.657	27.48		1475.0							
	085	00316	05.04	34.718	27.47		1476.0							
	085	00350	05.10	34.800	27.53		1476.9							
	085	00357	04.99	34.780	27.52		1476.6							
	085	00365	05.23	34.877	27.57		1477.8							
	085	00373	05.27	34.864	27.56		1478.1							
	085	00380	04.88	34.815	27.56		1476.5							
	085	00384	04.78	34.820	27.58		1476.2							
	085	00392	05.11	34.930	27.63		1477.8							
	085	00395	05.01	34.925	27.64		1477.5							
	STO	00400	05.11	34.93	27.63	00.373	1477.9							
	085	00403	05.18	34.930	27.62		1478.3							
	085	00453	05.18	34.910	27.60		1475.1							
	STO	00500	04.95	34.93	27.65	00.425	1479.0							
	085	00502	04.94	34.930	27.65		1479.0							
	085	00548	04.72	34.920	27.67		1478.8							
	085	00552	04.56	34.912	27.68		1478.2							
	STO	00600	04.60	34.93	27.69	00.474	1479.2							
	085	00601	04.60	34.930	27.69		1479.2							
	085	00651	04.56	34.930	27.69		1479.8							
	085	00666	04.37	34.920	27.70		1479.3							
	085	00681	04.33	34.910	27.70		1479.4							
	STO	00700	04.25	34.91	27.71	00.522	1479.3							
	085	00700	04.25	34.910	27.71		1479.3							
	085	00750	04.33	34.920	27.71		1480.5							
	085	00776	04.21	34.910	27.71		1480.4							
	STO	00800	04.31	34.92	27.71	00.565	1481.3							
	085	00803	04.32	34.926	27.71		1481.4							
	085	00852	04.26	34.930	27.72		1481.9							
	STO	00900	04.20	34.91	27.72	00.617	1482.5							
	085	00902	04.17	34.910	27.72		1482.4							
	085	00913	03.99	34.917	27.74		1481.8							
	085	00917	04.17	34.920	27.73		1482.6							
	085	00951	04.15	34.920	27.73		1483.1							
	085	00970	03.99	34.910	27.74		1482.8							
	STO	01000	04.06	34.91	27.73	00.664	1483.5							
	085	01001	04.06	34.910	27.73		1483.6							
	STO	01100	03.89	34.93	27.76	00.710	1484.5							
	085	01100	03.89	34.930	27.76		1484.5							
	085	01145	03.77	34.928	27.77		1484.8							
	STO	01200	03.81	34.93	27.77	00.754	1485.9							
	085	01203	03.81	34.930	27.77		1485.9							
	085	01225	03.79	34.920	27.77		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 4399 YEAR 1973 BOTOP 00000 AIR TEMP 14.5 OIR HGT PER WIND-DIR 34 INST STD RECORDER TEN 30.306
CONSEL 0196 MONTH 06 SHIP EV WET BULB 14.5 00 0 X WIND-SPD 08 TRACE 01A 5 SQUARE 2
LAT 43 48.4N DAY 26 DATA USE 1 BAROMETR 1033.4 SEA DURATION 2 SQUARE 28
LONG 048 04.2W HOUR 21.5 AREA 05 CLOUD T/A CL/TR WEATHER K4 ORIG 011 301 1 SQUARE 30

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P24	TOT P	NO2	NO3	S103	PH
21.5	STO	00000	13.04	35.63	25.22	00.000	1531.3							
	OBS	00003	13.04	35.632	25.22		1501.4							
	OBS	00007	12.64	34.355	26.01		1495.0							
	STO	00010	12.31	34.35	26.03	00.024	1497.9							
	OBS	00011	12.13	34.316	26.05		1497.2							
	OBS	00015	11.68	34.366	26.18		1495.8							
	STO	00020	11.50	34.37	26.21	00.043	1495.3							
	OBS	00022	11.36	34.366	26.24		1494.8							
	STO	00030	10.86	34.33	26.30	00.061	1493.1							
	OBS	00030	10.63	34.324	26.30		1493.0							
	OBS	00034	10.61	34.262	26.25		1492.2							
	OBS	00038	10.03	34.142	26.30		1490.0							
	OBS	00041	08.93	33.537	26.52		1485.8							
	OBS	00045	07.64	33.514	26.50		1480.9							
	OBS	00049	06.67	33.571	26.67		1477.2							
	STO	00050	06.64	33.95	26.69	00.052	1477.1							
	OBS	00053	06.42	34.033	26.76		1476.4							
	OBS	00057	05.28	33.859	26.75		1471.6							
	OBS	00060	06.17	34.230	26.54		1475.7							
	OBS	00072	05.53	34.240	26.58		1475.0							
	STO	00075	05.12	34.13	26.95	00.122	1471.6							
	OBS	00076	04.86	34.085	26.55		1470.5							
	OBS	00087	04.48	34.057	27.01		1469.0							
	OBS	00095	05.45	34.250	27.05		1473.4							
	STO	00100	05.31	34.26	27.07	00.148	1472.9							
	OBS	00102	05.23	34.256	27.08		1472.7							
	OBS	00106	05.54	34.350	27.12		1474.1							
	OBS	00110	06.11	34.473	27.14		1476.6							
	OBS	00114	06.23	34.520	27.17		1477.2							
	OBS	00118	06.57	34.582	27.17		1478.7							
	OBS	00121	07.17	34.710	27.19		1481.5							
	STO	00125	07.26	34.73	27.19	00.172	1482.8							
	OBS	00125	07.29	34.730	27.19		1481.9							
	OBS	00133	07.85	34.825	27.18		1484.2							
	OBS	00137	07.79	34.810	27.18		1484.1							
	OBS	00144	07.28	34.735	27.17		1482.1							
	OBS	00148	07.18	34.723	27.19		1481.8							
	STO	00150	07.35	34.77	27.21	00.195	1482.5							
	OBS	00152	07.52	34.835	27.24		1483.4							
	OBS	00175	07.44	34.820	27.24		1483.4							
	OBS	00178	06.74	34.730	27.24		1480.6							
	OBS	00186	06.57	34.690	27.25		1480.0							
	OBS	00190	05.80	34.580	27.26		1477.3							
	STO	00200	05.88	34.58	27.26	00.238	1477.3							
	OBS	00201	05.66	34.585	27.26		1477.3							
	OBS	00209	05.61	34.550	27.27		1476.3							
	OBS	00228	05.76	34.685	27.36		1477.4							
	STO	00250	05.63	34.72	27.37	00.278	1476.1							
	OBS	00251	05.83	34.718	27.37		1478.2							
	OBS	00266	05.43	34.670	27.38		1476.7							
	OBS	00274	05.76	34.737	27.37		1478.2							
	OBS	00277	05.74	34.700	27.37		1476.2							
	STO	00300	05.61	34.71	27.39	00.315	1478.0							
	OBS	00300	05.60	34.706	27.39		1478.0							
	OBS	00350	04.57	34.703	27.46		1476.3							
	OBS	00373	05.43	34.877	27.55		1476.7							
	OBS	00392	05.50	34.920	27.57		1475.4							
	STO	00400	05.27	34.86	27.55	00.362	1478.5							
	OBS	00403	05.21	34.850	27.55		1478.3							
	OBS	00415	05.16	34.870	27.57		1476.3							
	OBS	00434	05.40	34.915	27.58		1479.7							
	OBS	00445	05.39	34.993	27.64		1475.9							
	OBS	00449	05.65	35.057	27.66		1481.1							
	OBS	00453	05.67	35.067	27.67		1481.3							
	STO	00500	05.46	35.06	27.65	00.436	1481.2							
	OBS	00502	05.45	35.055	27.65		1481.2							
	OBS	00552	05.15	35.046	27.71		1481.0							
	STO	00600	05.09	35.05	27.73	00.482	1481.4							
	OBS	00601	05.06	35.053	27.73		1481.3							
	OBS	00616	04.91	35.020	27.72		1480.8							
	OBS	00651	04.90	35.056	27.75		1481.4							
	STO	00700	04.85	35.06	27.76	00.527	1482.2							
	OBS	00700	04.84	35.060	27.76		1482.2							
	OBS	00700	04.76	35.050	27.76		1482.6							
	OBS	00757	04.75	35.044	27.76		1482.6							
	OBS	00761	04.54	35.015	27.76		1481.7							
	STO	00800	04.54	35.02	27.77	00.570	1482.4							
	OBS	00800	04.54	35.025	27.77		1482.4							
	OBS	00850	04.44	35.017	27.77		1482.9							
	OBS	00879	04.14	34.970	27.77		1481.5							
	STO	00900	04.12	34.956	27.76	00.612	1482.2							
	OBS	00913	04.27 P	35.01 P	27.750									
	OBS	00928	04.34 P	35.01 P	27.760									
	STO	01000	04.03	34.94	27.76	00.656	1483.4							
	OBS	01016	04.01	34.940	27.76		1483.0							
	OBS	01020	04.02	34.940	27.76		1483.8							
	STO	01100	03.55	34.94	27.76	00.701	1484.8							
	OBS	01100	03.55	34.938	27.76		1484.8							
	STO	01200	03.88	34.93	27.77	00.746	1486.2							
	OBS	01203	03.88	34.933	27.77		1486.2							
	OBS	01229	03.85	34.940	27.76		1486.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 51 8555	YEAR 1973	80TOP 03090	AIR TEMP 14.9	OIR MGT PER	WIND-OIR 22	INST STO RECDROER	TEN 53 130E
CONSEC 0197	MONTH 06	SHIP EV	WET 8ULB 14.9	00 0 X	WIND-SPD 06	TRACE OIR 0	5 SQUARE 2
LAT 43 44.5N	DAY 27	DATA USE 1	BAROMETH 1034.0	SEA	WIND-FDR	DURATION	2 SQUARE 26
LONG 1047 45.6W	MOUR 00.0	AREA 05	CLOUD 7/A	CL/TA	WEATHER X4	DR16 011 362	1 SQUARE 57

CASSTNUN/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIG3	PH
00.0	STO	00000	14.22	34.02	25.40	00.000	1503.7							
	DBS	00003	14.22	34.017	25.40		1503.7							
	DBS	00007	14.17	34.010	25.41		1503.6							
	STO	00010	13.23	33.92	25.53	00.025	1500.4							
	DBS	00011	12.82	33.860	25.57		1499.0							
	DBS	00015	12.24	34.311	26.03		1497.7							
	DBS	00019	12.20	34.259	26.10		1497.8							
	STO	00020	11.16	34.29	26.10	00.047	1497.6							
	DBS	00022	12.02	34.386	26.13		1497.1							
	DBS	00026	11.47	34.445	26.18		1497.1							
	STO	00030	11.73	34.44	26.22	00.066	1496.3							
	DBS	00030	11.72	34.435	26.22		1496.3							
	DBS	00034	11.79	34.522	26.28		1496.7							
	DBS	00041	10.82	34.539	26.31		1495.2							
	DBS	00045	10.83	34.570	26.34		1493.3							
	DBS	00049	07.83	33.817	26.39		1481.5							
	STO	00050	07.72	33.92	26.49	00.100	1481.3							
	DBS	00053	07.47	34.400	26.90		1481.0							
	DBS	00057	08.15	34.510	26.89		1483.8							
	DBS	00060	09.27	34.740	26.89		1488.4							
	DBS	00068	08.91	34.710	26.93		1487.1							
	STO	00075	07.98	34.52	26.92	00.134	1483.5							
	DBS	00076	07.89	34.507	26.92		1483.1							
	DBS	00085	07.60	34.500	26.93		1482.9							
	DBS	00087	07.28	34.505	27.01		1480.9							
	DBS	00099	07.51	34.570	27.06		1481.3							
	STO	00100	07.46	34.61	27.07	00.161	1482.0							
	DBS	00102	07.83	34.700	27.08		1465.6							
	STL	00125	07.74	34.69	27.09	00.186	1463.6							
	DBS	00125	07.74	34.690	27.09		1463.6							
	DBS	00144	07.62	34.696	27.11		1483.4							
	STO	00150	06.88	34.55	27.10	00.211	1480.5							
	DBS	00152	06.87	34.507	27.10		1479.6							
	DBS	00159	06.43	34.480	27.11		1478.7							
	DBS	00163	06.67	34.513	27.10		1479.8							
	DBS	00175	06.24	34.527	27.17		1478.2							
	DBS	00178	06.27	34.535	27.17		1478.5							
	DBS	00182	05.65	34.485	27.19		1476.8							
	STO	00200	05.64	34.50	27.22	00.258	1476.3							
	DBS	00201	05.63	34.502	27.23		1476.2							
	DBS	00243	05.77	34.573	27.27		1477.6							
	STO	00250	05.65	34.63	27.32	00.300	1477.4							
	DBS	00251	05.67	34.658	27.33		1477.4							
	DBS	00258	06.30	34.720	27.31		1480.2							
	DBS	00274	06.28	34.735	27.33		1480.4							
	DBS	00277	06.16	34.717	27.33		1479.9							
	STO	00300	05.56	34.70	27.34	00.340	1479.5							
	DBS	00300	05.65	34.655	27.35		1475.0							
	DBS	00304	05.23	34.650	27.39		1476.5							
	DBS	00312	05.30	34.680	27.41		1477.0							
	DBS	00319	04.97	34.665	27.43		1475.7							
	DBS	00327	05.60	34.752	27.43		1476.5							
	DBS	00335	05.97	34.806	27.42		1480.2							
	DBS	00346	05.66	34.616	27.47		1479.2							
	DBS	00357	05.14	34.720	27.46		1477.1							
	STO	00400	05.70	34.52	27.55	00.409	1480.3							
	DBS	00405	05.73	34.926	27.58		1480.5							
	DBS	00426	05.84	34.930	27.54		1481.4							
	DBS	00434	05.42	34.517	27.58		1475.8							
	DBS	00456	05.16	34.877	27.58		1479.0							
	STO	00500	05.12	34.85	27.60	00.467	1479.6							
	DBS	00586	05.03	34.930	27.64		1480.7							
	STO	00600	05.07	34.96	27.65	00.521	1481.1							
	DBS	00601	05.07	34.960	27.66		1481.2							
	STO	00700	04.77	34.96	27.69	00.571	1481.6							
	DBS	00700	04.77	34.960	27.69		1481.6							
	DBS	00727	04.71	34.950	27.67		1481.7							
	DBS	00750	04.51	34.940	27.70		1481.3							
	STO	00800	04.31	34.91	27.70	00.620	1481.2							
	DBS	00803	04.30	34.910	27.70		1481.3							
	DBS	00852	04.25	34.910	27.71		1481.9							
	STO	00900	04.18	34.91	27.72	00.668	1482.4							
	DBS	00902	04.17	34.910	27.72		1482.4							
	DBS	00951	04.03	34.930	27.75		1482.6							
	STL	01000	04.02	34.93	27.75	00.715	1463.4							
	DBS	01001	04.02	34.927	27.75		1483.4							
	STO	01100	03.97	34.92	27.75	00.760	1484.9							
	DBS	01104	03.97	34.922	27.75		1484.5							
	STO	01200	03.87	34.93	27.77	00.806	1486.1							
	DBS	01203	03.87	34.930	27.77		1486.2							
	DBS	01237	03.83	34.930	27.77		1486.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8305	YEAR 1973	BOTDP 03000	AIR TEMP 14.5	OIR MGT PER	WIND-DIR 24	INST S70 RECORDER	TEN SQ 1306
CONSEC 0196	MONTH 06	SHIP EV	MET BULB 14.8	00 0 A	WIND-SPO 08	TRACE OIR 0	5 SQUARE 2
LAT 43 41.1N	DAY 27	DATA USE 1	BAROMETER 1033.5	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 28.0W	HOOR 02.2	AREA 05	CLOUD 1/A	CL/7R	WEATHER X4	ORIG 011 383	1 SQUARE 37

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
02.2	STO	00303	13.05	32.83	24.70	00.000	1456.3							
	085	00003	13.05	32.803	24.70		1498.4							
	085	00307	11.57	32.540	25.09		1455.5							
	STO	00013	11.88	33.29	25.31	00.030	1455.1							
	085	00011	12.10	33.46	25.38		1456.0							
	085	00015	12.81	33.670	25.42		1496.8							
	085	00019	12.82	33.673	25.42		1458.9							
	STO	00023	12.84	33.63	25.43	00.056	1498.3							
	085	00022	11.73	33.604	25.58		1455.0							
	085	00026	09.42	33.764	26.10		1487.1							
	STO	00033	08.38	33.83	26.29	00.077	1463.3							
	085	00030	08.30	33.813	26.32		1483.0							
	085	00034	06.22	34.000	26.48		1483.0							
	085	00036	07.51	33.953	26.54		1480.3							
	085	00041	07.83	34.500	26.93		1482.3							
	085	00045	11.80	35.373	26.54		1498.0							
	STO	00050	11.81	35.37	26.93	00.106	1456.1							
	085	00053	11.82	35.370	26.53		1458.2							
	085	00063	11.14	35.230	26.92		1495.7							
	085	00064	11.11	35.192	26.52		1495.7							
	085	00072	10.51	35.087	26.95		1492.5							
	STO	00075	09.78	34.94	26.96	00.135	1450.7							
	085	00076	09.59	34.857	26.96		1490.0							
	085	00075	09.44	34.865	26.96		1489.5							
	085	00083	09.08	34.830	26.95		1488.2							
	085	00087	08.36	34.685	26.95		1485.3							
	085	00091	06.25	34.695	27.01		1485.1							
	085	00095	06.11	34.340	27.04		1476.2							
	STO	00100	06.12	34.34	27.04	00.162	1476.3							
	085	00102	06.12	34.343	27.04		1476.4							
	STO	00125	06.56	34.45	27.10	00.187	1478.7							
	085	00125	06.58	34.498	27.10		1478.8							
	085	00137	06.96	34.605	27.13		1480.6							
	STO	00150	07.13	34.65	27.14	00.211	1481.6							
	085	00156	07.23	34.667	27.15		1482.1							
	085	00175	07.59	34.715	27.13		1483.8							
	085	00182	07.42	34.713	27.15		1483.3							
	085	00196	06.73	34.585	27.15		1480.7							
	STO	00200	06.71	34.58	27.15	00.259	1480.6							
	085	00201	06.65	34.576	27.15		1480.6							
	085	00220	06.26	34.583	27.21		1479.2							
	085	00232	07.76	34.910	27.26		1480.7							
	085	00236	07.68	34.940	27.26		1486.3							
	STO	00253	07.67	34.82	27.20	00.306	1485.5							
	085	00256	07.11	34.757	27.23		1485.4							
	085	00262	06.77	34.734	27.26		1482.1							
	085	00277	06.45	34.708	27.28		1481.1							
	STO	00300	06.35	34.84	27.40	00.347	1481.2							
	085	00303	06.35	34.848	27.41		1481.2							
	085	00361	06.46	34.520	27.45		1482.8							
	085	00365	06.43	34.510	27.45		1482.7							
	085	00369	05.83	34.833	27.46		1480.2							
	085	00364	05.75	34.670	27.50		1480.4							
	STO	00430	05.76	34.93	27.55	00.414	1480.6							
	085	00435	05.75	34.930	27.55		1480.6							
	085	00437	05.77	34.925	27.54		1480.8							
	085	00411	05.54	34.880	27.54		1479.8							
	085	00441	05.77	34.925	27.54		1481.3							
	085	00445	05.97	34.943	27.53		1482.3							
	085	00456	05.57	34.910	27.51		1482.4							
	STO	00500	05.55	34.93	27.58	00.473	1481.4							
	085	00502	05.53	34.935	27.58		1481.4							
	STO	00600	05.37	34.99	27.64	00.525	1482.4							
	085	00601	05.37	34.950	27.64		1482.4							
	STO	00700	05.30	34.52	27.63	00.583	1482.4							
	085	00708	04.96	34.510	27.63		1482.4							
	085	00757	04.65	34.540	27.68		1482.2							
	STO	00800	04.60	34.54	27.70	00.636	1482.5							
	085	00833	04.59	34.540	27.70		1482.5							
	085	00852	04.44	34.933	27.71		1482.7							
	STO	00930	04.40	34.94	27.72	00.685	1483.3							
	085	00932	04.40	34.540	27.72		1483.4							
	085	00951	04.27	34.927	27.72		1483.6							
	STO	01000	04.24	34.92	27.72	00.733	1484.3							
	085	01001	04.24	34.520	27.72		1484.3							
	STO	01100	04.16	34.93	27.73	00.782	1485.7							
	085	01130	04.16	34.528	27.73		1485.7							
	085	01195	03.93	34.930	27.76		1486.3							
	085	01199	04.11	34.960	27.76		1487.1							
	STO	01200	04.13	34.96	27.76	00.825	1487.1							
	085	01203	04.08	34.935	27.75		1487.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.--Continued

N O D C S T A T I O N D A T A

REFID 31 0355	YEAR 1973	BOATOP 04530	AIR TEMP 14.0	OIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SJ 1336
CONSEC 0155	MONTH 06	SHIP EV	WET GULB 14.0	OD 0 A	WIND-SPD 08	TRACE DIR 0	5 SQUARE 2
LAT 43 55.5N	DAY 27	DATA USE 1	BAROMETER 1033.3	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 26.7W	HOUR 04.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 384	1 SQUARE 37

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
04.3	STD	00000	10.02	33.00	25.27	00.000	1450.8							
	085	00003	10.82	32.997	25.27		1450.9							
	STD	00010	10.08	32.86	25.29	00.027	1488.1							
	085	00011	09.60	32.850	25.33		1487.1							
	085	00015	06.82	32.867	25.50		1483.5							
	085	00019	09.02	32.920	25.51		1484.4							
	STD	00020	06.51	32.97	25.56	00.053	1484.1							
	085	00024	08.55	33.020	25.65		1483.0							
	085	00026	05.03	32.903	26.03		1488.8							
	STD	00030	03.90	33.09	26.30	00.073	1484.4							
	085	00030	03.80	33.117	26.33		1484.0							
	085	00038	04.13	33.395	26.52		1485.9							
	085	00041	04.86	33.608	26.61		1485.3							
	085	00045	05.16	33.834	26.76		1470.5							
	085	00049	07.50	34.453	26.94		1481.1							
	STD	00050	07.60	34.47	26.94	00.102	1481.5							
	085	00053	06.08	34.575	26.95		1483.6							
	085	00057	06.26	34.652	27.01		1484.5							
	085	00060	06.97	34.865	27.04		1487.4							
	085	00064	05.23	34.915	27.05		1488.5							
	STD	00075	05.23	34.91	27.03	00.130	1488.7							
	085	00076	05.23	34.908	27.03		1488.7							
	085	00079	05.22	34.921	27.04		1488.7							
	085	00095	06.24	34.715	27.04		1485.0							
	STD	00100	06.35	34.75	27.08	00.155	1485.6							
	085	00102	06.38	34.806	27.09		1485.8							
	085	00110	06.34	34.770	27.08		1485.7							
	STD	00125	07.74	34.72	27.11	00.180	1483.6							
	085	00125	07.73	34.715	27.11		1483.6							
	STD	00150	07.92	34.83	27.17	00.204	1484.5							
	085	00152	07.94	34.827	27.17		1485.0							
	085	00155	07.40	34.823	27.17		1484.9							
	085	00176	07.51	34.777	27.19		1483.7							
	STD	00200	07.65	34.84	27.22	00.250	1484.7							
	085	00228	07.85	34.920	27.25		1486.0							
	085	00232	07.42	34.833	27.25		1484.3							
	085	00236	07.01	34.777	27.26		1482.7							
	STD	00250	06.77	34.81	27.32	00.292	1482.0							
	085	00255	06.71	34.825	27.34		1481.5							
	STD	00300	07.13	34.91	27.35	00.332	1484.4							
	085	00308	07.21	34.924	27.35		1484.8							
	085	00312	06.96	34.910	27.37		1483.9							
	085	00316	06.93	34.910	27.38		1483.8							
	085	00342	06.02	34.840	27.44		1480.6							
	085	00365	06.62	34.922	27.43		1483.5							
	085	00369	06.23	34.935	27.49		1482.0							
	085	00388	05.75	34.920	27.54		1480.4							
	STD	00400	05.81	34.92	27.54	00.402	1480.8							
	085	00403	05.83	34.925	27.54		1480.9							
	085	00453	05.21	34.910	27.60									
	STD	00500	05.61	34.93	27.57	00.462	1481.6							
	085	00502	05.60	34.930	27.57		1481.6							
	STD	00600	05.11	34.96	27.65	00.518	1481.3							
	085	00601	05.11	34.960	27.65		1481.3							
	STD	00700	03.08	34.94	27.64	00.572	1482.8							
	085	00700	03.06	35.96	28.45									
	085	00784	04.57	34.930	27.69		1482.1							
	085	00791	04.51	34.927	27.70		1482.0							
	STD	00800	04.51	34.94	27.70	00.623	1482.1							
	085	00803	04.51	34.940	27.70		1482.2							
	STD	00900	04.43	34.93	27.71	00.672	1483.4							
	085	00932	04.40	34.930	27.71		1483.5							
	085	00951	04.28	34.930	27.72		1483.7							
	STD	01000	04.26	34.93	27.73	00.721	1484.5							
	085	01001	04.28	34.935	27.73		1484.5							
	STD	01100	04.08	34.91	27.73	00.765	1485.3							
	085	01100	04.08	34.912	27.73		1485.3							
	STD	01200	04.05	34.92	27.74	00.817	1486.9							
	085	01203	04.05	34.920	27.74		1486.9							
	085	01229	04.02	34.920	27.74		1487.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8055 YEAR 1973 BOTUP 03004 AIR TEMP 13.5 DIR HGT PER WIND-DIR 25 INST STD RECORER TEN SQ 1306
CONSEC 0200 MONTH 06 SHIP EV WET BULR 13.5 00 0 A WIND-SPO 08 TRACE DIR 0 5 SQUARE 2
LAT 44 05.6N DAY 27 DATA USE 1 SEAS CL/TA WIND-FOR DURATION 1485.4 2 SQUARE 46
LONG 147 26.4E HOUR 06.3 AREA 05 CLOUD T/A WEATHER X4 ORIG 011 385 1 SQUARE 47

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
06.5	ST0	00000	12.53	33.09	24.95	00.000	1458.3							
	085	00003	12.53	33.095	24.95		1458.3							
	085	00007	12.54	33.100	24.96		1458.4							
	ST0	00010	11.86	33.07	25.14	00.025	1494.8							
	085	00011	11.49	33.055	25.20		1493.4							
	085	00015	11.21	33.157	25.36		1492.7							
	085	00019	11.13	33.159	25.37		1492.5							
	ST0	00020	11.04	33.23	25.41	00.050	1492.2							
	085	00022	10.25	33.337	25.63		1489.7							
	085	00026	08.14	33.541	26.13		1482.0							
	ST0	00030	05.84	33.19	26.16	00.075	1472.5							
	085	00030	05.61	33.158	26.17		1471.6							
	085	00034	04.71	33.125	26.25		1467.5							
	085	00041	04.06	33.445	26.50		1468.3							
	085	00045	05.00	33.643	26.62		1470.3							
	085	00049	06.05	33.570	26.75		1474.7							
	ST0	00050	06.17	34.02	26.78	00.110	1475.3							
	085	00053	06.87	34.281	26.85		1478.5							
	085	00057	07.55	34.433	26.92		1481.4							
	085	00068	07.58	34.475	26.94		1481.7							
	085	00072	07.11	34.402	26.55		1479.9							
	ST0	00075	07.14	34.47	27.01	00.140	1480.1							
	085	00076	07.15	34.500	27.03		1480.2							
	085	00079	07.62	34.581	27.02		1482.2							
	085	00083	07.87	34.643	27.05		1483.3							
	085	00091	09.16	34.586	27.10		1486.8							
	ST0	00100	09.30	33.06	27.13	00.165	1485.5							
	085	00102	09.32	33.063	27.13		1485.7							
	085	00106	09.32	33.061	27.13		1485.7							
	085	00114	08.58	34.897	27.12		1486.9							
	085	00118	08.56	34.890	27.12		1486.8							
	ST0	00125	08.23	34.82	27.12	00.185	1485.6							
	085	00125	08.21	34.820	27.12		1485.6							
	085	00148	07.85	34.820	27.18		1484.6							
	ST0	00150	07.85	34.84	27.18	00.213	1484.6							
	085	00152	07.85	34.820	27.18		1484.6							
	085	00159	07.67	34.646	27.19		1484.8							
	085	00167	08.31	34.520	27.18		1486.7							
	ST0	00200	08.29	34.51	27.18	00.260	1467.2							
	ST0	00250	07.66	34.68	27.25	00.305	1465.6							
	085	00265	06.05	34.660	27.38		1482.2							
	ST0	00300	06.29	34.65	27.42	00.344	1481.0							
	085	00300	06.27	34.852	27.42		1483.9							
	085	00316	06.15	34.862	27.45		1480.7							
	085	00350	06.43	34.502	27.44		1482.4							
	085	00380	05.50	34.510	27.52		1480.8							
	085	00392	04.57	34.842	27.57		1477.1							
	085	00395	05.30	34.840	27.57		1477.3							
	ST0	00400	05.10	34.86	27.57	00.405	1477.8							
	085	00415	05.42	34.910	27.58		1475.4							
	ST0	00500	05.43	34.97	27.62	00.465	1481.0							
	085	00502	05.43	34.970	27.62		1481.0							
	085	00521	05.21	34.930	27.62		1480.4							
	085	00557	05.23	34.580	27.65		1481.8							
	ST0	00600	05.22	34.98	27.65	00.518	1481.8							
	085	00670	04.69	34.530	27.68		1480.7							
	085	00673	04.64	34.933	27.68		1480.6							
	ST0	00700	04.59	34.53	27.69	00.565	1480.8							
	ST0	00800	04.42	34.53	27.71	00.618	1481.7							
	085	00814	04.39	34.530	27.71		1481.9							
	085	00852	04.11	34.527	27.74		1481.3							
	ST0	00900	03.58	34.92	27.75	00.684	1481.6							
	085	00902	03.58	34.54 P	27.760									
	085	00951	04.12	34.518	27.73		1483.0							
	ST0	01000	04.01	34.51	27.74	00.709	1483.3							
	085	01001	04.01	34.510	27.74		1483.4							
	ST0	01100	03.92	34.53	27.76	00.755	1484.7							
	085	01100	03.92	34.535	27.76		1484.7							
	ST0	01200	03.82	34.93	27.77	00.795	1485.9							
	085	01205	03.81	34.934	27.77		1485.9							
	085	01206	03.79	34.525	27.77		1485.5							
	085	01218	03.80	34.523	27.77		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 8335	YEAR 1973	BOATP 03740	AIR TEMP 13.2	DIR MG7 PER	WIND-DIR 25	INST STO RECORDER	TEN SJ 1504
COMSEC 0201	MONTH 06	SHIP EV	WET BULB 13.2	00 0 8	WIND-SPD 08	TRACE DIR 0	5 SQUARE 2
LAT 44 18.4N	DAY 27	DATA USE 1	BAROMETER 1032.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 147 28.6W	MOOR 06.1	AREA 05	CLOUD T/A	CL/TR	WEATHER 84	ORIG 011 306	1 SQUARE 47

CASSTNUM/TIME	LVL TYP	DEPT H	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OYNG	P34	TOT P	MO2	MO3	S103	PH
08.1	STO	00000	13.08	33.63	25.31	00.000	1499.4							
	085	00003	13.08	33.600	25.31		1499.5							
	STO	00010	11.18	33.70	25.75	00.025	1493.1							
	085	00011	10.87	33.726	25.83		1492.1							
	085	00015	10.23	33.616	26.01		1490.0							
	085	00019	09.56	33.654	26.12		1489.1							
	STO	00020	08.67	33.50	26.30	00.045	1485.1							
	085	00022	06.60	33.912	26.64		1476.4							
	STO	00030	06.50	34.00	26.72	00.060	1476.3							
	085	00030	06.38	34.002	26.74		1475.6							
	085	00034	04.55	33.817	26.77		1465.8							
	085	00038	05.77	34.020	26.83		1473.5							
	085	00041	06.56	34.550	26.89		1485.2							
	STO	00050	08.50	34.63	26.93	00.085	1485.2							
	085	00053	08.48	34.656	26.95		1485.2							
	085	00057	08.57	34.655	26.97		1485.6							
	085	00064	06.24	34.616	26.96		1484.4							
	085	00072	08.23	34.694	27.02		1484.6							
	STO	00075	07.65	34.56	27.00	00.113	1482.2							
	085	00079	06.94	34.445	27.01		1475.4							
	085	00083	06.68	34.480	27.07		1478.5							
	085	00085	07.49	34.658	27.05		1482.0							
	085	00089	07.13	34.575	27.09		1480.5							
	STO	00100	07.49	34.67	27.11	00.136	1482.2							
	085	00102	08.18	34.840	27.14		1485.1							
	085	00106	08.15	34.830	27.13		1485.2							
	085	00110	07.57	34.708	27.13		1482.7							
	STO	00125	08.00	34.82	27.16	00.162	1484.7							
	085	00125	08.01	34.827	27.16		1484.8							
	085	00133	08.18	34.858	27.16		1485.6							
	085	00137	07.88	34.825	27.17		1484.5							
	085	00144	08.08	34.860	27.17		1485.4							
	085	00148	08.05	34.846	27.17		1485.4							
	STO	00150	07.65	34.78	27.17	00.186	1483.5							
	085	00152	07.29	34.704	27.17		1482.3							
	085	00159	07.16	34.705	27.18		1481.9							
	085	00175	07.60	34.520	27.26		1484.5							
	085	00178	07.54	34.935	27.31		1484.0							
	085	00182	07.50	34.510	27.30		1483.9							
	085	00194	06.06	34.703	27.33		1478.1							
	085	00198	06.62	34.750	27.24		1480.5							
	STO	00200	06.65	34.75	27.30	00.230	1460.0							
	085	00213	06.76	34.789	27.30		1481.4							
	085	00220	06.87	34.630	27.32		1482.1							
	085	00232	06.57	34.766	27.32		1480.9							
	085	00235	06.95	34.850	27.33		1482.6							
	085	00243	06.39	34.780	27.35		1480.4							
	STO	00250	06.64	34.87	27.38	00.269	1481.6							
	085	00251	06.69	34.870	27.38		1481.8							
	085	00255	06.36	34.850	27.41		1480.5							
	085	00258	06.80	34.522	27.41		1482.4							
	085	00262	06.78	34.930	27.41		1482.4							
	085	00274	06.27	34.827	27.40		1480.4							
	085	00281	05.89	34.813	27.44		1479.0							
	085	00285	05.89	34.827	27.45		1479.1							
	085	00289	05.18	34.750	27.46		1476.2							
	085	00293	05.64	34.757	27.46		1478.2							
	STO	00300	05.68	34.79	27.45	00.304	1478.4							
	085	00304	05.70	34.793	27.45		1478.6							
	085	00312	05.74	34.812	27.46		1478.9							
	085	00319	06.03	34.860	27.48		1480.3							
	085	00323	06.36	34.913	27.46		1481.7							
	085	00350	05.74	34.840	27.48		1475.6							
	085	00357	05.33	34.840	27.53		1478.1							
	085	00373	05.78	34.530	27.55		1480.2							
	085	00376	05.58	34.520	27.56		1475.5							
	085	00395	05.70	34.915	27.54		1480.3							
	STO	00400	05.66	34.91	27.55	00.368	1480.2							
	085	00403	05.27	34.910	27.59		1478.6							
	085	00445	05.73	35.053	27.65		1481.4							
	085	00453	05.70	35.050	27.65		1481.4							
	STO	00500	05.75	35.05	27.65	00.425	1482.4							
	085	00502	05.75	35.050	27.64		1482.4							
	085	00533	04.95	34.933	27.64		1475.7							
	085	00552	04.83	34.933	27.66		1475.3							
	STO	00600	04.73	34.94	27.68	00.475	1475.7							
	085	00601	04.73	34.943	27.68		1475.7							
	STO	00700	04.77	34.97	27.70	00.524	1481.6							
	085	00700	04.77	34.970	27.70		1481.6							
	STO	00800	04.40	34.96	27.73	00.571	1481.7							
	085	00852	04.26	34.940	27.73		1482.0							
	STO	00900	04.17	34.92	27.73	00.618	1482.3							
	085	00902	04.16	34.920	27.73		1482.3							
	085	00951	03.52	34.930	27.76		1482.2							
	STO	01000	02.57	34.91	27.74	00.664	1483.2							
	085	01001	02.57	34.910	27.74		1483.2							
	085	01035	03.96	34.910	27.74		1483.8							
	085	01047	03.75	34.910	27.76		1483.0							
	085	01050	03.89	34.910	27.75		1483.7							
	STO	01100	03.85	34.93	27.77	00.710	1484.4							
	085	01100	03.85	34.930	27.77		1484.4							
	STO	01200	03.79	34.91	27.76	00.754	1485.8							
	085	01203	03.75	34.910	27.76		1485.8							
	085	01216	03.80	34.910	27.76		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8555	YEAR 1973	BOTUP 35095	AIR TEMP 10.8	DIR MGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0202	MONTH 06	SHIP EV	WET BULB 10.8	27 1 2	WIND-SPO 10	TRACE DIR 0	5 SQUARE 2
LAT 44 24.84	DAY 27	DATA USE 1	BARGHETER 1332.3	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 27.96	MOJR 10.5	AREA 35	CLOUD T/A	CL/TR	WEATHER X4	ORIG OIL 387	1 SQUARE 47

CASSTN/JM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
10.5	STD	00033	11.43	33.10	25.24	00.000	1493.1							
	OBS	00033	11.43	33.104	25.24		1493.2							
	OBS	00037	10.78	33.777	25.88		1491.8							
	STD	00010	10.52	33.84	25.98	00.024	1491.0							
	OBS	00011	10.32	33.872	26.04		1490.3							
	OBS	00015	05.60	33.927	26.20		1487.8							
	STD	00020	07.93	33.80	26.36	00.042	1481.4							
	OBS	00022	07.26	33.757	26.43		1478.8							
	OBS	00026	06.70	33.730	26.48		1476.6							
	STD	00030	05.76	33.82	26.67	00.056	1473.0							
	OBS	00030	05.66	33.837	26.70		1472.7							
	OBS	00034	05.60	33.958	26.80		1472.6							
	OBS	00038	05.70	34.022	26.84		1473.2							
	OBS	00041	06.00	34.181	26.93		1474.7							
	OBS	00045	05.98	34.173	26.92		1474.7							
	STD	00050	05.73	34.16	26.94	00.083	1473.7							
	OBS	00053	05.55	34.157	26.96		1473.2							
	STD	00075	05.63	34.27	27.04	00.110	1473.9							
	OBS	00076	05.73	34.250	27.05		1474.3							
	OBS	00079	06.13	34.375	27.06		1476.1							
	OBS	00087	06.10	34.403	27.05		1476.1							
	OBS	00091	06.46	34.492	27.11		1477.7							
	STD	00100	06.52	34.51	27.12	00.135	1478.2							
	OBS	00102	06.58	34.522	27.12		1478.5							
	OBS	00118	07.17	34.664	27.15		1481.2							
	STD	00125	06.76	34.57	27.13	00.159	1479.6							
	OBS	00125	06.74	34.567	27.13		1479.5							
	OBS	00129	06.70	34.560	27.13		1479.4							
	OBS	00133	06.95	34.602	27.13		1480.5							
	OBS	00144	06.61	34.576	27.16		1479.3							
	STD	00150	06.61	34.58	27.16	00.183	1479.4							
	OBS	00152	06.63	34.590	27.17		1479.6							
	OBS	00175	07.28	34.860	27.29		1482.8							
	OBS	00178	07.57	34.915	27.25		1484.1							
	OBS	00186	08.44	35.099	27.30		1488.0							
	STD	00200	08.38	35.06	27.25	00.227	1487.7							
	OBS	00201	08.32	35.060	27.29		1487.5							
	OBS	00205	08.17	35.051	27.31		1487.0							
	OBS	00228	08.38	35.066	27.33		1487.1							
	OBS	00235	07.62	35.043	27.36		1485.5							
	STD	00250	07.70	35.35	27.38	00.266	1485.9							
	OBS	00251	07.71	35.053	27.38		1486.0							
	OBS	00255	07.08	34.517	27.36		1483.4							
	OBS	00258	07.10	34.925	27.37		1483.6							
	OBS	00262	06.53	34.850	27.37		1481.3							
	OBS	00266	05.47	34.700	27.40		1476.9							
	OBS	00277	05.26	34.700	27.43		1476.3							
	OBS	00293	05.11	34.700	27.45		1475.9							
	STD	00300	04.85	34.65	27.43	00.303	1474.9							
	OBS	00300	04.83	34.643	27.43		1474.8							
	OBS	00331	05.06	34.710	27.46		1476.4							
	OBS	00350	04.98	34.752	27.50		1476.4							
	OBS	00384	05.47	34.644	27.60		1479.2							
	OBS	00395	05.50	35.050	27.63		1481.3							
	STD	00400	05.68	35.06	27.62	00.364	1481.7							
	OBS	00403	06.31	35.060	27.62		1481.8							
	OBS	00411	05.56	35.050	27.62		1481.8							
	OBS	00418	05.21	34.930	27.62		1478.7							
	OBS	00426	05.23	34.920	27.61		1478.8							
	OBS	00430	05.37	34.963	27.60		1480.4							
	OBS	00434	05.34	34.913	27.59		1479.4							
	OBS	00453	05.18	34.525	27.62		1479.1							
	OBS	00464	05.60	35.020	27.65		1479.5							
	OBS	00468	05.34	35.070	27.69		1481.0							
	STD	00500	05.23	35.04	27.70	00.414	1480.4							
	OBS	00502	05.26	35.043	27.70		1480.4							
	OBS	00552	05.14	35.06	27.73									
	OBS	00586	05.02	35.06	27.740									
	STD	00600	04.77	34.97	27.70	00.461	1479.9							
	OBS	00601	04.75	34.93	27.670									
	OBS	00651	04.59	34.940	27.70		1480.0							
	STD	00700	04.35	34.91	27.70	00.508	1479.8							
	OBS	00700	04.35	34.910	27.70		1479.8							
	OBS	00750	04.24	34.930	27.73		1480.2							
	STD	00800	04.15	34.92	27.73	00.555	1480.6							
	OBS	00833	04.14	34.923	27.73		1480.6							
	OBS	00852	04.01	34.917	27.74		1480.5							
	STD	00900	03.98	34.93	27.75	00.600	1481.6							
	OBS	00902	03.98	34.927	27.75		1481.6							
	OBS	00931	04.00	34.920	27.74		1481.6							
	STD	01300	03.67	34.95	27.76	00.644	1482.5							
	OBS	01301	03.67	34.927	27.76		1482.8							
	STD	01100	03.64	34.93	27.77	00.688	1484.3							
	OBS	01100	03.64	34.927	27.77		1484.3							
	OBS	01155	03.80	34.930	27.77		1485.8							
	STD	01200	03.80	34.93	27.77	00.732	1485.8							
	OBS	01233	03.81	34.930	27.77		1485.9							
	OBS	01225	03.80	34.930	27.77		1486.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NO. 0 C S T A T I O N O A T A

REFID 01 0000	YEAR 1973	BOATP 03546	AIR TEMP 05.0	OIR MGT PER	WIND-OIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0003	MONTH 06	SHIP EV	WET BULB 05.0	00 0 X	WIND-SPO 12	TRACE OIR 0	5 SQUARE 2
LAT 44 37.5N	DAY 27	DATA USE 1	BAROMETER 1032.1	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 30 W	MOOR 12.5	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIG 011 308	1 SQUARE 47

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PM
12.5	STO	00000	07.50	32.51	25.42	00.300	1477.7							
	005	00000	07.50	32.512	25.42		1477.8							
	STO	00010	05.11	32.72	25.88	00.304	1468.6							
	005	00011	04.72	32.743	25.94		1467.0							
	005	00015	03.50	32.673	26.00		1462.2							
	STO	00020	03.48	32.68	26.02	00.304	1461.9							
	005	00022	03.27	32.732	26.08		1461.1							
	005	00026	03.01	32.875	26.22		1460.2							
	STO	00030	02.55	33.11	26.40	00.302	1460.5							
	005	00030	02.55	33.130	26.42		1460.4							
	005	00038	01.04	33.120	26.56		1452.0							
	005	00041	00.16	33.245	26.71		1448.3							
	STO	00050	- 0.39	33.27	26.74	00.092	1447.3							
	005	00053	- 0.12	33.356	26.75		1447.3							
	005	00057	- 0.10	33.456	26.89		1447.6							
	005	00060	03.42	33.887	26.98		1463.5							
	005	00064	03.46	33.880	26.97		1464.1							
	005	00068	35.64	34.233	27.31		1473.7							
	STO	00075	05.83	34.30	27.04	00.121	1474.7							
	005	00076	05.00	34.307	27.04		1474.8							
	005	00095	35.53	34.375	27.09		1475.6							
	STO	00100	05.95	34.38	27.05	00.147	1475.7							
	005	00102	05.97	34.384	27.09		1475.8							
	005	00110	05.66	34.350	27.10		1474.7							
	005	00114	05.13	34.271	27.10		1472.5							
	005	00121	35.07	34.340	27.17		1472.4							
	STO	00125	05.23	34.32	27.17	00.171	1473.1							
	005	00125	35.21	34.306	27.17		1473.1							
	005	00125	05.13	34.376	27.19		1472.8							
	005	00140	05.48	34.477	27.23		1474.6							
	STO	00150	05.13	34.45	27.25	00.153	1473.3							
	005	00152	05.09	34.446	27.25		1473.1							
	005	00155	05.12	34.505	27.25		1473.5							
	005	00167	06.25	34.705	27.31		1478.4							
	005	00175	06.38	34.730	27.31		1479.1							
	005	00178	06.44	34.747	27.32		1479.4							
	005	00186	06.13	34.650	27.31		1478.3							
	005	00194	05.56	34.670	27.37		1476.1							
	005	00196	05.00	34.687	27.38		1476.3							
	STO	00200	05.48	34.66	27.37	00.233	1475.8							
	005	00205	05.13	34.550	27.30		1474.3							
	005	00228	05.32	34.720	27.44		1475.7							
	005	00247	04.01	34.510	27.42		1470.3							
	STO	00250	03.85	34.50	27.42	00.205	1469.8							
	005	00251	03.82	34.453	27.42		1469.5							
	005	00258	03.40	34.500	27.47		1467.9							
	005	00260	04.10	34.681	27.54		1471.6							
	005	00277	04.51	34.750	27.54		1473.2							
	STO	00300	35.56	34.59	27.52	00.301	1469.5							
	005	00304	33.48	34.577	27.52		1469.1							
	005	00308	05.42	34.573	27.52		1468.5							
	005	00316	33.54	34.723	27.59		1471.4							
	005	00335	03.59	34.870	27.59		1470.2							
	005	00350	35.72	34.710	27.61		1471.1							
	005	00375	03.71	34.720	27.61		1471.4							
	005	00368	04.24	34.825	27.64		1474.0							
	005	00392	04.23	34.830	27.65		1474.1							
	005	00395	03.58	34.815	27.68		1475.0							
	005	00399	03.56	34.810	27.66		1475.3							
	STO	00400	03.57	34.81	27.66	00.354	1475.1							
	005	00411	04.18	34.847	27.87		1474.2							
	005	00441	04.41	34.852	27.88		1475.7							
	005	00453	04.34	34.898	27.89		1475.6							
	005	00456	04.34	34.887	27.88		1475.7							
	005	00464	04.04	34.840	27.88		1474.5							
	STO	00500	04.18	34.86	27.88	00.402	1475.7							
	005	00502	04.19	34.860	27.88		1475.7							
	005	00514	04.12	34.875	27.70		1475.7							
	005	00552	04.30	34.612	27.71		1477.1							
	STO	00600	04.36	34.62	27.71	00.449	1478.2							
	005	00601	04.36	34.925	27.71		1478.2							
	005	00651	04.25	34.625	27.72		1478.5							
	STO	00700	04.05	34.51	27.73	00.494	1478.7							
	005	00700	04.05	34.910	27.73		1478.7							
	005	00750	04.14	34.930	27.74		1475.7							
	STO	00800	04.15	34.92	27.72	00.540	1480.6							
	005	00803	04.15	34.915	27.72		1480.8							
	005	00852	04.01	34.912	27.74		1480.9							
	STO	00900	04.00	34.93	27.75	00.585	1481.7							
	005	00902	04.00	34.530	27.75		1481.7							
	005	00951	03.50	34.925	27.75		1482.3							
	STO	01000	03.50	34.92	27.76	00.629	1482.9							
	005	01001	03.50	34.522	27.76		1482.9							
	STO	01100	03.84	34.93	27.77	00.673	1484.0							
	005	01100	03.84	34.527	27.77		1484.3							
	STO	01200	03.82	34.93	27.77	00.718	1485.9							
	005	01200	03.81	34.527	27.77		1485.9							
	005	01225	03.72	34.915	27.77		1486.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N O A T A

REFID 21 4355	YEAR 1973	GOTOP 03539	AIR TEMP 39.8	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN SD 1336
CONSEC 3204	MONTH 06	SHIP EV	WET BULB 05.8	25 1 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 44 45.5N	DAY 27	DATA USE 1	BAROMETR 1032.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 30.2W	MOOR 14.2	AREA 05	CLOUD TRA	CL/TR	WEATHER X4	ORIG D11 385	1 SQUARE 47

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PJA	TOT P	NO2	NO3	S103	PH
14.2	STO	00000	06.92	32.59	25.55	00.000	1475.6							
	085	00003	06.92	32.588	25.55		1475.6							
	085	00007	04.34	32.365	25.70		1464.9							
	STO	00010	03.65	32.45	25.62	00.023	1462.1							
	085	00011	03.32	32.485	25.68		1460.8							
	STO	00020	02.91	32.51	25.93	00.045	1459.2							
	085	00022	02.80	32.509	25.94		1458.7							
	STO	00030	02.57	32.51	25.96	00.065	1457.8							
	085	00030	02.53	32.514	25.96		1457.7							
	085	00034	02.16	32.513	25.99		1456.1							
	085	00038	01.26	32.677	26.19		1452.4							
	085	00041	00.88	32.943	26.42		1451.1							
	085	00045	01.18	33.125	26.55		1452.8							
	085	00049	00.61	33.077	26.55		1450.2							
	STO	00050	00.45	33.08	26.56	00.101	1449.5							
	085	00053	- 0.43	33.081	26.60		1449.5							
	085	00057	- 1.07	33.170	26.69		1442.7							
	085	00060	- 1.29	33.203	26.73		1441.8							
	STO	00075	- 1.22	33.32	26.82	00.135	1442.5							
	085	00076	- 1.21	33.330	26.83		1442.6							
	STO	00100	- 0.93	33.52	26.98	00.164	1444.6							
	085	00102	- 0.84	33.554	27.00		1445.1							
	085	00121	00.07	33.810	27.16		1450.0							
	STO	00125	00.15	33.82	27.17	00.185	1450.4							
	085	00125	00.17	33.825	27.17		1450.5							
	085	00129	00.28	33.900	27.23		1451.2							
	085	00133	00.85	33.945	27.23		1453.9							
	085	00140	00.57	33.947	27.26		1454.6							
	085	00144	00.60	34.000	27.28		1453.9							
	STO	00150	00.86	34.003	27.30	00.210	1454.3							
	085	00152	00.88	34.040	27.30		1454.5							
	085	00170	01.10	34.155	27.38		1456.0							
	085	00176	01.49	34.223	27.41		1457.9							
	085	00180	01.31	34.240	27.42		1458.2							
	085	00184	02.10	34.330	27.45		1461.0							
	STO	00200	02.16	34.32	27.44	00.246	1461.3							
	085	00201	02.17	34.320	27.44		1461.4							
	085	00224	02.04	34.425	27.53		1461.3							
	085	00228	02.23	34.460	27.54		1462.3							
	085	00236	02.73	34.507	27.54		1464.7							
	STO	00250	03.06	34.58	27.56	00.276	1466.4							
	085	00251	03.09	34.565	27.57		1466.6							
	085	00277	03.57	34.727	27.63		1469.2							
	STO	00300	04.10	34.83	27.66	00.302	1472.0							
	085	00300	04.11	34.832	27.66		1472.0							
	085	00331	04.28	34.855	27.66		1473.3							
	085	00350	04.70	34.915	27.66		1475.4							
	085	00369	04.41	34.913	27.65		1474.5							
	085	00384	04.68	34.937	27.68		1475.5							
	085	00368	04.54	34.922	27.69		1475.4							
	STO	00400	04.61	34.93	27.69	00.348	1475.9							
	085	00403	04.63	34.930	27.68		1476.0							
	085	00422	04.65	34.920	27.67		1476.6							
	085	00434	04.50	34.910	27.66		1476.0							
	085	00453	04.70	34.940	27.68		1477.2							
	STO	00500	04.51	34.93	27.70	00.395	1477.1							
	085	00502	04.50	34.930	27.70		1477.1							
	085	00552	04.47	34.935	27.71		1477.8							
	STO	00600	04.37	34.93	27.71	00.440	1478.2							
	085	00601	04.37	34.932	27.71		1478.2							
	085	00651	04.52	34.930	27.72		1478.8							
	STO	00700	04.26	34.93	27.72	00.486	1475.4							
	085	00700	04.26	34.927	27.72		1479.4							
	085	00750	04.22	34.932	27.73		1480.1							
	STO	00800	04.16	34.92	27.73	00.532	1480.7							
	085	00803	04.16	34.922	27.73		1480.7							
	085	00852	04.08	34.915	27.73		1481.2							
	STO	00900	04.01	34.91	27.74	00.577	1481.7							
	085	00902	04.01	34.914	27.74		1481.7							
	085	00951	03.86	34.927	27.76		1482.0							
	STO	01000	03.69	34.93	27.76	00.622	1482.9							
	085	01001	03.89	34.930	27.76		1482.9							
	STO	01100	03.85	34.91	27.75	00.666	1484.3							
	085	01100	03.65	34.912	27.75		1484.3							
	STO	01200	03.80	34.93	27.77	00.711	1485.8							
	085	01203	03.80	34.928	27.77		1485.9							
	085	01225	03.77	34.916	27.76		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 34 6535	YEAR 1973	BOTOP 03347	AIR TEMP 10.5	DIR MGT PER	WIND-DIR 24	INST STO RECORDER	TEN 5. 1336
CONSEC 0205	MOYIM 36	SHIP EV	WET 8UL8 10.5	00 0 X	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 44 47.8N	CAY 27	DATA USE 1	BAROMETR 1030.5	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 44.2W	MOUR 16.6	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 390	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PC4	TOT P	NO2	NO3	SIO3	PH
16.8	STO	00000	06.86	32.84	25.47	00.000	1483.4							
	OBS	00003	06.86	32.838	25.47		1483.4							
	OBS	00007	06.93	32.705	25.70		1474.3							
	STO	00010	05.92	32.73	25.79	00.024	1471.9							
	OBS	00011	05.68	32.745	25.83		1471.0							
	OBS	00015	05.45	32.818	25.92		1470.2							
	OBS	00015	04.74	32.840	26.02		1467.4							
	STO	00020	04.72	32.82	26.00	00.045	1467.2							
	OBS	00022	04.46	32.810	26.02		1466.2							
	OBS	00026	03.67	32.947	26.21		1463.1							
	STO	00030	03.56	33.01	26.27	00.064	1462.8							
	OBS	00030	03.53	33.018	26.28		1462.7							
	OBS	00034	03.25	32.952	26.28		1461.5							
	OBS	00038	02.59	33.115	26.44		1458.9							
	OBS	00041	02.38	33.202	26.53		1458.2							
	OBS	00045	01.81	33.200	26.57		1455.7							
	OBS	00045	00.77	33.388	26.79		1451.4							
	STO	00050	00.70	33.40	26.80	00.054	1451.1							
	OBS	00053	00.31	33.462	26.87		1449.5							
	OBS	00057	00.07	33.523	26.93		1448.5							
	OBS	00060	00.08	33.619	27.01		1446.7							
	OBS	00064	00.28	33.660	27.03		1445.8							
	STO	00075	00.30	33.81	27.15	00.121	1450.2							
	OBS	00076	00.30	33.822	27.16		1450.3							
	STO	00100	00.58	33.85	27.20	00.144	1452.0							
	OBS	00102	00.62	33.903	27.21		1452.3							
	STO	00125	01.00	34.07	27.32	00.164	1454.6							
	OBS	00125	01.01	34.075	27.32		1454.7							
	STO	00150	01.64	34.22	27.40	00.182	1458.1							
	OBS	00152	01.71	34.237	27.40		1458.4							
	OBS	00175	02.41	34.443	27.51		1462.2							
	OBS	00182	03.53	34.570	27.51		1467.3							
	OBS	00194	03.33	34.570	27.53		1466.6							
	STO	00200	03.62	34.68	27.59	00.213	1468.1							
	OBS	00201	03.70	34.700	27.60		1468.5							
	OBS	00220	04.07	34.740	27.59		1470.4							
	OBS	00228	04.06	34.720	27.58		1470.5							
	OBS	00235	04.09	34.725	27.58		1470.8							
	OBS	00243	03.83	34.720	27.60		1469.8							
	STO	00250	03.91	34.72	27.55	00.235	1470.2							
	OBS	00251	03.92	34.720	27.55		1470.3							
	OBS	00270	03.67	34.705	27.61		1469.5							
	OBS	00277	04.20	34.840	27.66		1472.1							
	STO	00300	04.07	34.82	27.66	00.265	1471.9							
	OBS	00300	04.07	34.820	27.66		1471.9							
	OBS	00312	04.14	34.850	27.67		1472.4							
	OBS	00319	03.58	34.830	27.67		1471.8							
	OBS	00331	04.01	34.845	27.68		1472.1							
	OBS	00350	04.37	34.922	27.71		1474.1							
	STO	00400	04.46	34.93	27.70	00.311	1475.3							
	OBS	00403	04.47	34.926	27.70		1475.4							
	OBS	00453	04.26	34.920	27.72		1475.3							
	STO	00500	04.15	34.91	27.72	00.355	1475.6							
	OBS	00502	04.14	34.910	27.72		1475.6							
	OBS	00552	04.04	34.928	27.75		1476.0							
	STO	00600	04.11	34.92	27.73	00.398	1477.1							
	OBS	00601	04.11	34.920	27.73		1477.1							
	OBS	00651	04.09	34.930	27.74		1477.9							
	STO	00700	04.00	34.93	27.75	00.441	1478.3							
	OBS	00700	04.00	34.925	27.75		1478.3							
	OBS	00750	04.03	34.923	27.74		1479.3							
	STO	00800	04.02	34.92	27.75	00.484	1480.0							
	OBS	00803	04.01	34.925	27.75		1480.1							
	OBS	00852	03.66	34.922	27.76		1480.3							
	STO	00900	03.82	34.91	27.75	00.528	1480.9							
	OBS	00902	03.82	34.910	27.75		1480.9							
	OBS	00955	02.79	34.915	27.76		1481.7							
	STO	01000	02.50	34.91	27.75	00.572	1482.9							
	OBS	01001	03.90	34.910	27.75		1482.9							
	STO	01100	02.51	34.92	27.77	00.617	1484.2							
	OBS	01100	02.61	34.922	27.77		1484.2							
	STO	01200	02.79	34.92	27.77	00.661	1485.8							
	OBS	01203	02.78	34.925	27.77		1485.8							
	OBS	01233	03.67	34.928	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOO C S T A T I O N D A T A

REFID 51 8555 YEAR 1973 BOTOP 00015 AIR TEMP 10.5 DIR HGT PER WIND-OIR 24 INST STO RECORDER TEN SQ 1300
CONSEC 0200 MONTH 06 SHIP EV WET GULB 10.5 00 0 X WIND-SPO 12 TRACE DIR 0 5 SQUARE 2
LAT 44 48.1N DAY 27 DATA USE 1 BAROMETR 1030.8 SEA CL/TR WIND-FOR DURATION 2 SQUARE 40
LONG 047 58.5W HOUR 18.8 AREA 05 CLOUD 7FA WEATHER X4 ORIG 011 391 1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNJ VEL	DAYG	PJ4	TOT P	NO2	NO3	SIG3	PM
18.8	STO	00000	08.31	32.77	25.50	00.000	1481.2							
	085	00000	08.31	32.770	25.50		1481.2							
	STO	00010	04.17	32.75	26.50	00.023	1464.7							
	085	00010	04.17	32.750	26.50		1464.7							
	STO	00020	03.44	33.03	26.50	00.041	1462.2							
	085	00020	03.44	33.030	26.50		1462.2							
	STO	00030	01.05	33.35	26.74	00.057	1452.4							
	085	00030	01.05	33.350	26.74		1452.4							
	STO	00050	- 0.05	33.55	26.95	00.080	1447.7							
	085	00050	- 0.05	33.550	26.95		1447.7							
	STO	00060	00.09	33.680	27.06		1446.5							
	085	00075	00.05	33.77	27.13	00.106	1445.1							
	STO	00075	00.05	33.770	27.13		1449.1							
	085	00100	00.75	33.53	27.22	00.128	1453.0							
	STO	00100	00.75	33.530	27.22		1453.0							
	085	00125	02.29	34.34	27.44	00.147	1460.7							
	STO	00125	02.29	34.340	27.44		1460.7							
	085	00150	03.19	34.44	27.44	00.163	1465.1							
	STO	00150	03.19	34.440	27.44		1465.1							
	085	00160	02.85	34.420	27.45		1464.0							
	STO	00175	03.11	34.490	27.45		1465.3							
	085	00185	02.88	34.490	27.51		1464.4							
	STO	00200	03.24	34.58	27.55	00.194	1466.4							
	085	00200	03.24	34.580	27.55		1466.4							
	STO	00220	04.01	34.680	27.55		1470.1							
	085	00220	04.01	34.680	27.55		1470.1							
	STO	00235	04.29	34.750	27.58		1471.6							
	085	00235	04.29	34.750	27.58		1471.6							
	STO	00250	04.41	34.77	27.58	00.222	1472.4							
	085	00250	04.41	34.770	27.58		1472.4							
	STO	00273	03.86	34.800	27.53		1473.5							
	085	00273	03.86	34.800	27.53		1473.5							
	STO	00300	04.14	34.81	27.64	00.247	1472.1							
	085	00300	04.14	34.810	27.64		1472.1							
	STO	00310	04.21	34.830	27.65		1472.6							
	085	00310	04.21	34.830	27.65		1472.6							
	STO	00330	04.36	34.810	27.65		1472.3							
	085	00330	04.36	34.810	27.65		1472.3							
	STO	00352	03.71	34.750	27.64		1470.8							
	085	00352	03.71	34.750	27.64		1470.8							
	STO	00357	04.15	34.500	27.71		1473.2							
	085	00357	04.15	34.500	27.71		1473.2							
	STO	00370	04.56	34.510	27.70		1474.3							
	085	00370	04.56	34.510	27.70		1474.3							
	STO	00400	04.22	34.88	27.65	00.295	1474.2							
	085	00400	04.22	34.880	27.65		1474.2							
	STO	00415	04.10	34.870	27.65		1473.9							
	085	00415	04.10	34.870	27.65		1473.9							
	STO	00440	04.15	34.890	27.70		1474.6							
	085	00440	04.15	34.890	27.70		1474.6							
	STO	00452	04.10	34.850	27.71		1474.6							
	085	00452	04.10	34.850	27.71		1474.6							
	STO	00465	04.23	34.910	27.71		1475.4							
	085	00465	04.23	34.910	27.71		1475.4							
	STO	00500	04.16	34.930	27.71		1475.5							
	085	00500	04.16	34.930	27.71		1475.5							
	STO	00500	04.23	34.930	27.73	00.335	1476.0							
	085	00500	04.23	34.930	27.73		1476.0							
	STO	00600	04.06	34.91	27.73	00.382	1476.9							
	085	00600	04.06	34.910	27.73		1476.9							
	STO	00615	04.11	34.930	27.74		1477.4							
	085	00615	04.11	34.930	27.74		1477.4							
	STO	00700	03.58	34.51	27.74	00.426	1478.2							
	085	00700	03.58	34.510	27.74		1478.2							
	STO	00800	03.86	34.91	27.75	00.465	1475.4							
	085	00800	03.86	34.910	27.75		1475.4							
	STO	00825	03.51	34.510	27.75		1480.3							
	085	00825	03.51	34.510	27.75		1480.3							
	STO	00900	03.60	34.50	27.75	00.512	1480.8							
	085	00900	03.60	34.500	27.75		1480.8							
	STO	00940	03.75	34.500	27.75		1481.2							
	085	00940	03.75	34.500	27.75		1481.2							
	STO	01000	03.79	34.51	27.76	00.556	1482.4							
	085	01000	03.79	34.510	27.76		1482.4							
	STO	01100	03.78	34.51	27.76	00.601	1484.0							
	085	01100	03.78	34.510	27.76		1484.0							
	STO	01200	03.69	34.52	27.78	00.645	1485.3							
	085	01200	03.69	34.520	27.78		1485.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOE STATION DATA

REFID 31	#355	YEAR 1973	BOTOP 2450	AIR TEMP 05.9	DIR MGT PER	WIND-DIR 24	INST STD RECORDER	TEN SQ 1306
CONSEC 2207	MONTH 06	SHIP EV	NET BULB	09.9	00 0 X	WIND-SPO 13	TRACE DIR	5 SQUARE 2
LAT 44 49.6N	DAY 27	DATA USE 1	BAROMETER 1030.5	SEA		WIND-FOR	DURATION	2 SQUARE 48
LONG 148 16.1W	HOVR 21.1	AREA 05	CLOUD T/A	CL/TR		WEATHER X4	ORIG-011 392	1 SQUARE 48

CASNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TQT P	N02	N03	S103	PH
21.1	STO	00300	37.86	32.73	25.53	00.000	1475.4							
	OBS	00303	37.86	32.727	25.53		1475.5							
	OBS	00307	37.80	32.717	25.53		1475.3							
	STO	00310	37.32	32.62	25.53	00.025	1477.4							
	OBS	00311	36.92	32.616	25.58		1475.8							
	OBS	00315	35.37	32.760	25.88		1469.8							
	OBS	00319	34.60	32.814	26.01		1466.7							
	STO	00320	34.46	32.84	26.05	00.047	1466.2							
	OBS	00322	34.35	32.903	26.13		1464.8							
	OBS	00326	33.66	32.937	26.20		1463.1							
	STO	00330	33.13	32.94	26.25	00.066	1460.9							
	OBS	00330	33.01	32.944	26.27		1460.4							
	OBS	00334	31.69	33.046	26.45		1454.8							
	OBS	00338	31.25	33.144	26.56		1453.2							
	OBS	00341	31.23	33.193	26.60		1453.1							
	STO	00350	30.63	33.37	26.78	00.096	1450.7							
	OBS	00353	30.44	33.426	26.84		1450.0							
	OBS	00368	30.03	33.540	26.95		1448.5							
	STO	00375	30.09	33.55	26.95	00.125	1449.0							
	OBS	00376	30.10	33.610	27.00		1449.1							
	OBS	00375	30.16	33.678	27.05		1449.5							
	OBS	00355	30.58	33.815	27.14		1451.9							
	STO	00100	30.90	33.91	27.19	00.150	1453.0							
	OBS	00102	31.11	33.945	27.21		1454.6							
	OBS	00110	31.80	34.005	27.21		1457.8							
	OBS	00114	31.68	33.996	27.21		1457.4							
	STO	00125	32.60	34.21	27.31	00.171	1461.9							
	OBS	00125	32.63	34.216	27.31		1462.0							
	OBS	00133	32.75	34.266	27.34		1462.9							
	OBS	00140	33.68	34.366	27.34		1466.9							
	OBS	00144	33.40	34.330	27.34		1465.8							
	STO	00150	33.39	34.36	27.36	00.190	1465.5							
	OBS	00156	33.37	34.397	27.39		1465.9							
	OBS	00171	33.62	34.457	27.41		1467.3							
	OBS	00182	32.38	34.330	27.43		1462.0							
	OBS	00194	32.73	34.367	27.43		1463.8							
	STO	00200	33.15	34.47	27.47	00.224	1465.8							
	OBS	00201	33.19	34.450	27.48		1466.1							
	OBS	00205	33.15	34.457	27.49		1466.0							
	OBS	00213	33.37	34.365	27.53		1467.1							
	OBS	00220	32.94	34.315	27.53		1465.3							
	OBS	00228	32.92	34.327	27.54		1465.4							
	STO	00250	32.88	34.37	27.58	00.253	1465.6							
	OBS	00251	32.66	34.377	27.58		1465.7							
	OBS	00277	33.21	34.443	27.60		1467.6							
	OBS	00341	33.35	34.710	27.64		1468.5							
	OBS	00285	33.85	34.768	27.63		1470.8							
	OBS	00289	34.08	34.810	27.65		1471.7							
	OBS	00297	34.07	34.827	27.66		1471.8							
	STO	00300	34.24	34.85	27.66	00.278	1472.6							
	OBS	00300	34.28	34.857	27.66		1472.8							
	OBS	00350	34.27	34.860	27.67		1473.6							
	OBS	00357	34.35	34.885	27.68		1474.1							
	OBS	00361	34.62	34.930	27.68		1475.3							
	STO	00400	34.72	34.93	27.67	00.325	1476.4							
	OBS	00453	34.87	35.02 P	27.730									
	OBS	00472	34.75	34.930	27.67		1477.7							
	STO	00500	34.69	34.94	27.68	00.373	1477.9							
	OBS	00502	34.68	34.940	27.69		1477.9							
	OBS	00552	34.55	34.930	27.69		1478.2							
	STO	00600	34.44	34.93	27.70	00.420	1478.5							
	OBS	00601	34.44	34.930	27.70		1478.5							
	OBS	00651	34.41	34.930	27.71		1479.2							
	STO	00700	34.31	34.93	27.72	00.466	1479.6							
	OBS	00700	34.31	34.930	27.72		1479.6							
	OBS	00750	34.18	34.922	27.73		1479.9							
	STO	00800	34.10	34.92	27.73	00.512	1480.4							
	OBS	00800	34.10	34.915	27.73		1480.4							
	OBS	00852	34.05	34.910	27.73		1481.0							
	STO	00900	34.01	34.91	27.74	00.557	1481.7							
	OBS	00902	34.01	34.913	27.74		1481.7							
	OBS	00951	33.93	34.930	27.76		1482.2							
	STO	01000	33.86	34.93	27.77	00.602	1482.7							
	OBS	01001	33.86	34.930	27.77		1482.8							
	STO	01100	33.82	34.93	27.77	00.645	1484.2							
	OBS	01100	33.82	34.930	27.77		1484.2							
	STO	01200	33.76	34.93	27.78	00.689	1485.8							
	OBS	01203	33.76	34.933	27.78		1485.8							
	OBS	01225	33.76	34.930	27.78		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOL STATION DATA

REFIL 34 8555 YEAR 1973 BOTOP 01660 AIR TEMP 08.0 DIR HGT FER WIND-DIR 23 INST STO RECORDER TEN SQ 1306
CONSEC 0208 MONTH 06 SHIP EV MET BULB 08.0 00 0 X WIND-SPD 14 TRACE DIR 0 5 SQUARE 2
LAT 44 49.5N DAY 27 DATA USE 1 BAROMETR 1030.1 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 048 30.3W HOUR 23.0 AREA 05 CLOUD 7/A CL7R WEATHER 44 DRIG 011 393 1 SQUARE 46

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
23.0	STO	00003	06.01	32.52	25.62	00.000	1471.8							
	065	00003	06.01	32.519	25.62		1471.9							
	065	00007	05.05	32.417	25.65		1467.9							
	STO	00010	04.51	32.52	25.78	00.023	1465.8							
	065	00011	04.28	32.575	25.85		1465.0							
	065	00015	03.99	32.735	26.01		1464.0							
	065	00019	04.02	32.767	26.05		1464.3							
	STO	00020	03.80	32.60	26.08	00.044	1463.4							
	065	00022	03.29	32.847	26.17		1461.3							
	STO	00030	02.71	32.96	26.30	00.062	1459.1							
	065	00030	02.64	32.967	26.32		1458.8							
	065	00034	01.94	33.031	26.42		1455.9							
	065	00041	- 0.00	33.224	26.70		1447.1							
	065	00049	- 0.63	33.392	26.87		1444.0							
	STO	00050	- 0.81	33.40	26.87	00.091	1444.2							
	065	00053	- 0.66	33.451	26.91		1445.0							
	065	00060	- 0.25	33.538	26.96		1447.1							
	STO	00075	- 0.29	33.67	27.07	00.119	1447.4							
	065	00076	- 0.29	33.681	27.08		1447.4							
	STO	00100	00.20	33.85	27.15	00.142	1450.5							
	065	00102	00.38	33.857	27.22		1451.2							
	065	00114	01.03	34.118	27.36		1454.6							
	065	00118	01.81	34.227	27.39		1458.3							
	065	00121	02.06	34.240	27.38		1459.5							
	STO	00123	01.98	34.23	27.38	00.162	1459.2							
	065	00125	01.97	34.230	27.38		1459.1							
	065	00137	02.16	34.245	27.38		1460.2							
	065	00140	02.61	34.375	27.44		1462.4							
	065	00148	03.26	34.478	27.47		1465.5							
	STO	00150	03.25	34.48	27.47	00.179	1465.4							
	065	00152	03.23	34.483	27.47		1465.4							
	065	00175	03.05	34.480	27.49		1465.0							
	065	00178	02.73	34.440	27.48		1463.6							
	STO	00200	03.12	34.56	27.54	00.205	1465.6							
	065	00201	03.15	34.564	27.55		1466.0							
	065	00226	03.49	34.674	27.60		1468.0							
	STO	00250	03.72	34.71	27.61	00.236	1469.4							
	065	00251	03.73	34.712	27.61		1469.5							
	065	00266	03.77	34.700	27.55		1469.9							
	065	00270	04.00	34.720	27.59		1470.9							
	065	00277	03.66	34.710	27.59		1470.5							
	STO	00300	04.08	34.83	27.67	00.261	1471.9							
	065	00300	04.08	34.837	27.67		1471.9							
	065	00350	04.09	34.848	27.68		1472.8							
	STO	00400	04.43	34.91	27.69	00.307	1475.1							
	065	00403	04.45	34.910	27.69		1475.3							
	065	00453	04.52	34.925	27.69		1476.4							
	STO	00500	04.54	34.93	27.69	00.353	1477.3							
	065	00502	04.54	34.930	27.69		1477.3							
	065	00552	04.47	34.940	27.71		1477.8							
	STO	00600	04.43	34.94	27.71	00.399	1478.5							
	065	00601	04.43	34.935	27.71		1478.5							
	065	00651	04.35	34.937	27.72		1479.0							
	STO	00700	04.30	34.93	27.72	00.445	1479.6							
	065	00700	04.30	34.930	27.72		1479.6							
	065	00750	04.20	34.915	27.72		1480.0							
	STO	00800	04.12	34.92	27.73	00.451	1480.5							
	065	00803	04.11	34.916	27.73		1480.5							
	065	00852	03.94	34.913	27.74		1480.6							
	STO	00900	03.79	34.93	27.77	00.534	1480.7							
	065	00902	03.78	34.928	27.77		1480.8							
	065	00951	03.72	34.930	27.78		1481.3							
	STO	01000	03.67	34.93	27.79	00.576	1481.9							
	065	01001	03.67	34.930	27.79		1482.0							
	STO	01100	03.73	34.93	27.78	00.618	1482.8							
	065	01100	03.73	34.91 P	27.760									
	STO	01200	03.73	34.92	27.77	00.661	1485.5							
	065	01203	03.73	34.920	27.77		1485.6							
	065	01225	03.74	34.925	27.77		1486.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 0355	YEAR 1973	BDTDP J1620	AIR TEMP 08.1	OIR HGT PER	WIND-OIR 33	INST STO RECORDER	TEN SW 1306
CONSEC J209	MONTH 06	SHIP EV	WET BULB 08.1	00 0 A	WIND-SPO 11	TRACE DIR 0	5 SOJARE 2
LAT 44 48 N	DAY 28	DATA USE 1	BAROMETER 1025.9	SEA	WIND-FOR	DURATION	2 SOJARE 48
LONG 048 48.74	HOUR 01.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	DRIG 011 394	1 SOJARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-7	SYNOPTM	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
01.3	STO	00030	05.74	32.52	25.65	00.300	1470.7							
	085	00033	05.74	32.517	25.65		1470.8							
	085	00037	05.50	32.461	25.65		1465.8							
	STO	00030	04.82	32.53	25.76	00.023	1467.2							
	085	00011	04.52	32.501	25.82		1466.0							
	085	00019	04.05	32.651	25.54		1464.2							
	STO	00020	04.05	32.65	25.54	00.043	1464.2							
	085	00022	04.04	32.653	25.54		1464.2							
	STO	00030	03.81	32.80	26.38	00.063	1463.6							
	085	00030	03.79	32.813	26.39		1463.5							
	085	00045	03.29	33.174	26.43		1462.2							
	STO	00050	03.24	33.21	26.46	00.100	1462.0							
	085	00053	02.53	33.348	26.60		1460.9							
	085	00057	02.67	33.340	26.61		1455.9							
	085	00060	01.80	33.322	26.67		1456.1							
	085	00064	01.45	33.484	26.82		1454.8							
	085	00068	00.82	33.473	26.85		1452.0							
	085	00072	- 0.14	33.542	26.96		1447.8							
	STO	00075	- 0.25	33.58	26.99	00.133	1447.4							
	085	00076	- 0.29	33.590	27.00		1447.3							
	STO	00100	00.05	33.80	27.16	00.158	1445.5							
	085	00102	00.12	33.824	27.17		1445.9							
	STO	00125	00.84	34.02	27.29	00.175	1453.8							
	085	00125	00.86	34.020	27.29		1453.9							
	STO	00150	01.23	34.14	27.36	00.158	1456.1							
	085	00152	01.29	34.155	27.37		1456.5							
	085	00163	01.63	34.245	27.42		1458.3							
	085	00167	01.67	34.320	27.47		1458.6							
	085	00171	01.52	34.360	27.49		1459.9							
	085	00175	01.98	34.370	27.49		1460.2							
	STO	00200	02.04	34.36	27.48	00.232	1460.9							
	085	00201	02.05	34.358	27.48		1460.9							
	085	00220	02.20	34.492	27.57		1462.1							
	085	00228	02.60	34.565	27.60		1464.0							
	STO	00250	02.84	34.57	27.58	00.261	1465.4							
	085	00251	02.85	34.570	27.58		1465.5							
	085	00277	03.10	34.683	27.64		1467.2							
	STO	00300	03.18	34.70	27.65	00.287	1467.9							
	085	00300	03.18	34.703	27.65		1467.9							
	085	00350	03.35	34.720	27.65		1469.5							
	STO	00400	03.69	34.84	27.71	00.332	1471.4							
	085	00403	03.71	34.840	27.71		1472.1							
	085	00453	03.94	34.850	27.69		1473.9							
	STO	00500	03.95	34.86	27.70	00.376	1474.9							
	085	00502	03.95	34.863	27.70		1474.9							
	085	00544	03.67	34.854	27.74		1475.1							
	STO	00552	03.64	34.910	27.74		1475.6							
	085	00600	03.92	34.91	27.74	00.419	1476.3							
	085	00601	03.92	34.910	27.74		1476.3							
	085	00651	03.92	34.912	27.75		1477.1							
	STO	00700	03.86	34.91	27.75	00.461	1477.7							
	085	00700	03.86	34.910	27.75		1477.7							
	085	00750	03.85	34.912	27.75		1478.5							
	STO	00800	03.80	34.92	27.76	00.504	1479.1							
	085	00803	03.80	34.916	27.76		1479.2							
	085	00852	03.77	34.927	27.77		1479.5							
	STO	00900	03.79	34.92	27.77	00.546	1480.8							
	085	00902	03.79	34.923	27.77		1480.8							
	085	00951	03.76	34.925	27.77		1481.6							
	STO	01000	03.75	34.93	27.77	00.588	1482.4							
	085	01001	03.79	34.930	27.77		1482.5							
	STO	01100	03.74	34.93	27.78	00.630	1483.5							
	085	01100	03.74	34.933	27.78		1483.9							
	STO	01200	03.74	34.93	27.78	00.674	1485.6							
	085	01203	03.74	34.927	27.78		1485.6							
	085	01218	03.72	34.927	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REF ID	01	0555	YEAR	1973	DOTOP	01260	AIR TEMP	05.4	DIR HGT	PER	WIND-DIR	23	INST STO	RECORDER	TEN	SD	150L	
CONSEC	0210		MONTH	06	SHIP EV		WET BULB	05.4	00	0	X	WIND-SFD	14	TRACE	DIR	0	5	SQUARE
LAT	44	46.3N	DAY	28	DATA USE	1	BAROMETR	1029.0	SEA			WIND-FGR		DURATION		2	SQUARE	
LONG	048	59.5W	MOOR	03.8	AREA	05	CLOUD T/A		CL/TA			WEATHER	X4	ORIG	011	395	1	
																	48	

LASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	Q4YG	P04	TOT P	N02	N03	S103	P4
	STD	00003	07.32	32.41	25.36	00.000	1476.9							
03.8	085	00003	07.32	32.410	25.36		1477.0							
	085	00007	08.00	32.384	25.43		1474.4							
	STD	00010	06.11	32.25	25.40	00.020	1472.1							
	085	00011	05.73	32.235	25.43		1470.5							
	085	00015	04.46	32.386	25.69		1465.5							
	STD	00020	02.53	32.54	25.58	00.045	1457.6							
	085	00022	01.72	31.032	26.12		1454.2							
	085	00026	00.58	32.768	26.28		1451.1							
	STD	00030	00.07	31.79	26.31	00.068	1449.8							
	085	00030	00.02	31.750	26.31		1449.6							
	085	00038	- 0.14	32.624	26.46		1446.4							
	085	00041	- 0.57	33.005	26.56		1442.7							
	085	00045	- 1.44	33.144	26.68		1440.8							
	STD	00050	- 1.43	33.15	26.69	00.095	1440.9							
	085	00053	- 1.40	33.201	26.73		1441.2							
	STD	00075	- 1.33	33.26	26.77	00.132	1441.9							
	085	00076	- 1.32	33.265	26.78		1442.0							
	STD	00100	- 1.03	33.46	26.92	00.162	1444.0							
	085	00102	- 1.00	33.468	26.93		1444.2							
	STD	00125	- 0.87	33.48	26.94	00.150	1445.2							
	085	00125	- 0.86	33.480	26.94		1445.3							
	085	00140	- 0.60	33.548	26.99		1446.6							
	STD	00150	- 0.54	33.59	27.01	00.217	1447.3							
	085	00152	- 0.52	33.600	27.02		1447.5							
	085	00175	- 0.46	33.702	27.10		1448.3							
	STD	00200	- 0.17	33.80	27.16	00.266	1450.1							
	085	00201	- 0.15	33.803	27.17		1450.3							
	085	00217	00.01	33.872	27.22		1451.4							
	085	00224	00.21	33.888	27.22		1452.4							
	085	00228	00.24	33.883	27.21		1452.6							
	STD	00250	00.44	34.30	27.30	00.308	1454.0							
	085	00251	00.48	34.305	27.30		1454.2							
	085	00255	00.02	34.017	27.30		1455.0							
	085	00258	00.97	34.150	27.39		1456.0							
	085	00277	01.70	34.500	27.46		1460.6							
	STD	00300	01.96	34.47	27.57	00.341	1462.3							
	085	00300	01.59	34.473	27.57		1462.5							
	085	00316	02.68	34.580	27.60		1465.9							
	085	00336	02.76	34.615	27.62		1466.6							
	085	00346	03.04	34.655	27.66		1468.1							
	085	00350	03.12	34.707	27.66		1468.5							
	STD	00400	03.23	34.71	27.66	00.352	1469.8							
	085	00403	03.24	34.715	27.66		1469.9							
	085	00460	03.46	34.750	27.66		1471.8							
	STD	00500	03.83	34.84	27.70	00.436	1474.2							
	085	00502	03.64	34.847	27.70		1474.3							
	085	00552	03.87	34.860	27.71		1475.2							
	STD	00600	03.93	34.90	27.73	00.482	1476.5							
	085	00601	03.93	34.900	27.74		1476.4							
	085	00651	03.52	34.915	27.75		1477.2							
	STD	00700	03.53	34.91	27.75	00.525	1478.0							
	085	00700	03.53	34.913	27.75		1478.0							
	085	00750	03.44	34.915	27.75		1478.9							
	STD	00800	03.54	34.91	27.74	00.568	1479.7							
	085	00803	03.54	34.910	27.74		1479.8							
	085	00852	03.52	34.913	27.75		1480.5							
	STD	00900	03.54	34.91	27.74	00.613	1481.4							
	085	00902	03.54	34.910	27.74		1481.4							
	085	00951	03.88	34.920	27.76		1482.0							
	STD	01000	03.85	34.92	27.76	00.657	1482.7							
	085	01001	03.85	34.922	27.76		1482.7							
	STD	01100	03.82	34.92	27.77	00.701	1484.2							
	085	01100	03.82	34.923	27.77		1484.2							
	STD	01200	03.83	34.93	27.77	00.746	1485.5							
	085	01205	03.83	34.927	27.77		1486.0							
	085	01218	03.61	34.926	27.77		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NODE STATION DATA														
REFID 31 8355	YEAR 1973	BDTOP	AIR TEMP 05.9	DIR HGT PER	WIND-DIR 27	INST STO RECORDER	TEN SQ 1306							
CONSEC 0211	MONTH 06	SHIP EV	WET BULB 05.9	00 0 X	WIND-SPO 23	TRACE DIR 0	5 SQUARE 2							
LAT 44 48.5N	DAY 28	DATA USE 1	BAROMETR 1027.9	SEA	WIND-FOR	DURATION	2 SQUARE 48							
LONG 045 09.7W	MOJR 05.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 356	1 SQUARE 45							
CASINUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	UAYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STW	00000	06.51	32.25	25.34	00.000	1472.5							
05.5	00003	06.51	32.254	25.34			1473.0							
085	00007	04.55	32.306	25.61			1465.7							
STO	00010	03.85	32.44	25.75	00.024		1465.0							
085	00011	03.58	32.483	25.85			1461.5							
085	00015	03.32	32.470	25.86			1460.8							
085	00019	02.54	32.530	25.98			1457.6							
STO	00020	02.15	32.53	26.01	00.045		1456.0							
085	00022	01.29	32.542	26.08			1452.1							
085	00026	00.27	32.604	26.34			1447.9							
STW	00030	- 0.41	32.51	26.46	00.063		1445.0							
085	00030	- 0.50	32.520	26.47			1444.6							
STO	00050	- 1.01	33.02	26.57	00.054		1442.7							
085	00053	- 1.05	33.035	26.56			1442.6							
085	00060	- 1.08	33.063	26.61			1442.6							
STW	00075	- 1.09	33.15	26.68	00.125		1442.5							
085	00076	- 1.09	33.150	26.68			1442.9							
STO	00100	- 1.06	33.22	26.73	00.163		1443.6							
085	00100	- 1.06	33.220	26.73			1443.6							
STO	00125	- 1.00	33.30	26.80	00.155		1444.4							
085	00125	- 1.00	33.300	26.80			1444.4							
STO	00150	0.65	33.40	26.87	00.225		1445.6							
085	00150	0.65	33.400	26.87			1445.6							
085	00175	0.40	33.470	26.92			1447.3							
STL	00200	0.47	33.58	27.00	00.281		1448.5							
085	00200	0.47	33.580	27.00			1448.5							
085	00225	0.10	33.560	26.94			1450.3							
STO	00250	01.21	33.68	27.05	00.351		1450.5							
085	00250	00.21	33.680	27.05			1452.5							
085	00275	00.35	33.760	27.11			1453.7							
STO	00300	01.21	33.88	27.15	00.382		1458.2							
085	00300	01.21	33.880	27.15			1458.2							
085	00350	02.50	34.300	27.39			1465.3							
STO	00400	03.15	34.63	27.60	00.454		1465.3							
085	00400	03.15	34.630	27.60			1465.3							
085	00450	03.30	34.720	27.66			1470.5							
STO	00500	03.62	34.80	27.69	00.504		1473.2							
085	00500	03.62	34.73 P	27.630*										
085	00550	03.85	34.850	27.70			1475.1							
STO	00600	03.85	34.87	27.72	00.545		1476.1							
085	00600	03.85	34.870	27.72			1476.1							
085	00650	03.93	34.910	27.74			1477.2							
STO	00700	03.53	34.91	27.74	00.593		1478.0							
085	00700	03.93	34.910	27.74			1478.0							
085	00750	03.54	34.920	27.75			1478.5							
STO	00800	03.54	34.91	27.74	00.636		1475.7							
085	00800	03.54	34.910	27.74			1475.7							
085	00850	03.53	34.910	27.74			1480.5							
STO	00900	03.53	34.91	27.74	00.660		1481.3							
085	00900	03.53	34.910	27.74			1481.3							
085	00950	03.50	34.920	27.75			1482.0							
STO	01000	03.86	34.92	27.76	00.725		1482.7							
085	01000	03.86	34.920	27.76			1482.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8555	YEAR 1973	BOTDP	AIR TEMP 10.4	DIR MGT PER	WIND-DIR 24	INST STO RECDROER	TEN SQ 1506
CONSEC 0212	MONTH 06	SHIP EV	WET BULB 10.4	00 0 A	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2
LAT 44 49.14	DAY 28	DATA USE 1	BARDMETR 1027.8	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 10.50	HOOR 06.2	AREA 05	CLOUD T/A	CL/TR	WEATHER 14	ORIG 011 357	1 SQUARE 45

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPIH	SND VEL	OATG	P34	TOT P	NO2	NO3	SI03	PH
06.2	STD	00000	07.66	32.39	25.27	00.000	1479.0							
	DBS	00000	07.66	32.350	25.27		1479.0							
	STD	00010	05.07	32.41	25.64	00.025	1468.0							
	DBS	00010	05.07	32.410	25.64		1468.0							
	STD	00020	06.56	32.55	25.99	00.047	1457.8							
	DBS	00020	06.56	32.550	25.99		1457.8							
	STD	00030	00.23	32.64	26.36	00.066	1447.7							
	DBS	00030	00.23	32.640	26.36		1447.7							
	STD	00050	- 1.05	33.08	26.62	00.097	1442.6							
	DBS	00050	- 1.05	33.080	26.62		1442.6							
	DBS	00060	- 1.07	33.110	26.65		1442.7							
	DBS	00065	- 1.08	33.120	26.65		1442.8							
	STD	00075	- 1.05	33.14	26.67	00.131	1442.5							
	DBS	00075	- 1.05	33.140	26.67		1442.5							
	DBS	00076	- 1.05	33.150	26.68		1442.9							
	STD	00100	- 1.06	33.22	26.73	00.165	1443.6							
	DBS	00100	- 1.06	33.220	26.73		1443.6							
	STD	00125	- 1.00	33.30	26.80	00.197	1444.4							
	DBS	00125	- 1.00	33.300	26.80		1444.4							
	STD	00150	- 0.85	33.40	26.87	00.228	1445.6							
	DBS	00150	- 0.85	33.400	26.87		1445.6							
	DBS	00175	- 0.63	33.470	26.92		1447.3							
	STD	00200	- 0.47	33.58	27.00	00.283	1446.5							
	DBS	00200	- 0.47	33.560	27.00		1448.5							
	DBS	00225	- 0.15	33.560	26.99		1450.3							
	STD	00250	00.21	33.68	27.05	00.335	1452.5							
	DBS	00250	00.21	33.660	27.05		1452.5							
	DBS	00275	00.55	33.760	27.11		1455.7							
	STD	00300	01.21	33.88	27.15	00.364	1458.2							
	DBS	00300	01.21	33.880	27.15		1458.2							
	DBS	00350	02.50	34.300	27.39		1465.3							
	STD	00400	03.15	34.63	27.60	00.457	1469.3							
	DBS	00400	03.15	34.630	27.60		1469.3							
	DBS	00450	03.30	34.720	27.66		1470.9							
	STD	00500	03.62	34.80	27.69	00.506	1473.2							
	DBS	00500	03.62	34.73 P	27.630*									
	DBS	00550	03.85	34.850	27.70		1475.1							
	STD	00600	03.65	34.87	27.72	00.551	1476.1							
	DBS	00600	03.65	34.870	27.72		1476.1							
	DBS	00650	03.93	34.910	27.74		1477.2							
	STD	00700	03.93	34.91	27.74	00.595	1478.0							
	DBS	00700	03.93	34.910	27.74		1478.0							
	DBS	00750	03.94	34.920	27.75		1478.9							
	STD	00800	03.94	34.91	27.74	00.638	1479.7							
	DBS	00800	03.94	34.910	27.74		1479.7							
	DBS	00850	03.93	34.910	27.74		1480.5							
	STD	00900	03.93	34.91	27.74	00.683	1481.3							
	DBS	00900	03.93	34.910	27.74		1481.3							
	DBS	00950	03.90	34.920	27.75		1482.0							
	STD	01000	03.66	34.92	27.76	00.727	1482.7							
	DBS	01000	03.66	34.920	27.76		1482.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 6353	YEAR 1973	BOTOP	AIR TEMP 11.5	DIR MGT PER	WIND-DIR 25	INST STO RECORDER	TEN 50 1306
CONSEC 0213	MONTH 06	SHIP EV	WET BULB 11.2	00 0 X	WIND-SPO 13	TRACE DIR 0	5 SQUARE 2
LAT 44 58.4N	DAY 28	DATA USE 1	BAROMETR 1026.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 075 17.8W	MOOR 07.7	AREA 05	CLOUD 1/A	CL/TR	WEATHER X2	ORIG 011 356	1 SQUARE 49

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SNO VEL	DAYG	PJ4	TOT P	NO2	NO3	SIO3	PH
07.7	STO	00000	08.41	32.32	25.14	00.000	1481.3							
	065	00003	08.41	32.323	25.14		1481.1							
	085	00007	08.35	32.318	25.14		1480.9							
	STO	00010	07.72	32.15	25.14	00.028	1478.4							
	085	00011	07.22	32.186	25.20		1476.4							
	085	00015	05.35	32.400	25.60		1469.2							
	STO	00020	04.76	32.43	25.69	00.054	1466.5							
	085	00022	04.52	32.442	25.72		1466.0							
	085	00026	04.33	32.460	25.76		1465.3							
	STO	00030	03.85	32.46	25.81	00.077	1463.3							
	085	00030	03.73	32.462	25.82		1462.8							
	085	00034	02.45	32.548	26.30		1457.4							
	085	00038	00.11	32.841	26.38		1447.4							
	085	00041	- 0.55	32.986	26.53		1444.5							
	085	00045	- 0.84	33.002	26.55		1443.4							
	STO	00050	- 0.89	33.00	26.55	00.114	1443.2							
	085	00053	- 0.91	32.997	26.55		1443.2							
	085	00057	- 0.91	32.995	26.55		1443.2							
	085	00062	- 0.91	33.000	26.55		1443.3							
	STO	00075	- 0.95	33.15	26.67	00.145	1443.6							
	085	00079	- 0.95	33.150	26.67		1443.6							
	STO	00100	- 1.16	33.26	26.77	00.183	1443.0							
	085	00100	- 1.18	33.260	26.77		1443.0							
	STO	00125	- 1.18	33.35	26.84	00.214	1443.6							
	085	00125	- 1.18	33.350	26.84		1443.6							
	STO	00150	- 0.94	33.500	26.96	00.242	1445.3							
	085	00150	- 0.94	33.500	26.96		1445.3							
	085	00175	- 0.65	33.560	27.01		1447.2							
	STO	00200	- 0.40	33.68	27.08	00.295	1446.9							
	085	00200	- 0.40	33.680	27.08		1446.9							
	085	00225	00.15	33.890	27.22		1452.1							
	STO	00250	00.70	34.21	27.45	00.335	1455.5							
	085	00250	00.70	34.210	27.45		1455.5							
	085	00252	00.71	34.220	27.46		1455.6							
	STO	00300	01.00	34.360	27.57	00.362	1457.5							
	085	00300	01.50	34.500	27.63		1460.3							
	085	00350	02.25	34.570	27.63		1464.5							
	STO	00400	03.00	34.75	27.71	00.409	1468.9							
	085	00400	03.00	34.750	27.71		1468.9							
	085	00450	03.80	34.900	27.75		1473.3							
	STO	00500	03.82	34.91	27.75	00.450	1474.2							
	085	00500	03.82	34.910	27.75		1474.2							
	085	00550	03.84	34.920	27.76		1475.1							
	STO	00600	03.82	34.92	27.76	00.490	1475.9							
	085	00600	03.82	34.920	27.76		1475.9							
	085	00650	03.81	34.920	27.76		1476.7							
	STO	00700	03.80	34.92	27.76	00.530	1477.5							
	085	00700	03.80	34.920	27.76		1477.5							
	085	00750	03.79	34.920	27.77		1478.3							
	STO	00800	03.78	34.93	27.77	00.574	1479.1							
	085	00800	03.78	34.930	27.77		1479.1							
	085	00850	03.78	34.930	27.77		1479.5							
	STO	00900	03.77	34.92	27.77	00.612	1480.7							
	085	00900	03.77	34.920	27.77		1480.7							
	085	00950	03.74	34.920	27.77		1481.4							
	STO	01000	03.70	34.93	27.78	00.654	1482.1							
	085	01000	03.70	34.930	27.78		1482.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOD STATION DATA

REFID 01 8000	YEAR 1973	BOATOP	AIR TEMP 09.9	OIR MGT PER	WIND-OIR 23	INST STD RECORDER	TEN SW 1300
CONSEC 0014	MONTH 06	SHIP EV	WET BULB 09.9	00 0 A	WIND-SPO 13	TRACE DIA	5 SQUARE 2
LAT 44 38.34	DAY 28	DATA USE 1	BAROMETER 1028.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 03 W	HOUR 08.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 399	1 SQUARE 49

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OAYG	PJ4	TOT P	NO2	NO3	SIO3	PH
08.8	STD	00000	06.89	32.36	25.38	00.000	1475.2							
	DBS	00003	06.89	32.364	25.38		1475.2							
	DBS	00007	06.69	32.357	25.51		1470.4							
	STD	00010	04.22	32.43	25.74	00.024	1464.5							
	DBS	00011	03.63	32.471	25.84		1462.1							
	DBS	00015	02.49	32.507	25.95		1459.5							
	STD	00020	01.09	32.64	26.17	00.045	1451.3							
	DBS	00024	00.19	32.738	26.30		1447.4							
	DBS	00026	- 0.78	32.904	26.47		1443.2							
	STD	00030	- 1.16	32.98	26.54	00.062	1441.6							
	DBS	00030	- 1.20	32.988	26.55		1441.4							
	DBS	00038	- 1.48	33.132	26.68		1440.4							
	STD	00350	- 1.41	33.19	26.72	00.090	1441.1							
	DBS	00353	- 1.39	33.204	26.73		1441.2							
	STD	00075	- 1.33	33.26	26.77	00.122	1441.9							
	DBS	00076	- 1.33	33.261	26.78		1441.9							
	STD	00100	- 1.20	33.34	26.83	00.154	1443.0							
	DBS	00102	- 1.18	33.350	26.84		1443.2							
	STD	00125	- 0.65	33.51	26.97	00.183	1444.9							
	DBS	00125	- 0.64	33.515	26.97		1445.0							
	DBS	00146	- 0.68	33.595	27.02		1446.7							
	STD	00150	- 0.64	33.63	27.05	00.209	1446.9							
	DBS	00152	- 0.58	33.670	27.08		1447.3							
	DBS	00175	- 0.41	33.680	27.08		1448.5							
	STD	00200	00.12	33.87	27.21	00.256	1451.6							
	DBS	00201	00.15	33.886	27.22		1451.8							
	DBS	00228	00.46	34.001	27.30		1453.6							
	DBS	00236	00.63	34.023	27.30		1454.7							
	STD	00250	00.71	34.17	27.42	00.294	1455.5							
	DBS	00275	01.00	34.380	27.57		1457.5							
	STD	00300	01.50	34.50	27.63	00.323	1460.3							
	DBS	00300	01.50	34.500	27.63		1460.3							
	DBS	00350	02.25	34.570	27.63		1464.5							
	STD	00400	03.00	34.75	27.71	00.368	1468.6							
	DBS	00400	03.00	34.750	27.71		1468.9							
	DBS	00450	03.80	34.900	27.75		1473.3							
	STD	00500	03.82	34.91	27.75	00.409	1474.2							
	DBS	00500	03.82	34.910	27.75		1474.2							
	DBS	00550	03.84	34.920	27.76		1475.1							
	STD	00600	03.82	34.92	27.76	00.449	1475.9							
	DBS	00600	03.82	34.920	27.76		1475.9							
	DBS	00650	03.81	34.920	27.76		1476.7							
	STD	00700	03.83	34.92	27.76	00.490	1477.5							
	DBS	00700	03.80	34.920	27.76		1477.5							
	DBS	00750	03.79	34.920	27.77		1478.3							
	STD	00800	03.78	34.93	27.77	00.530	1479.1							
	DBS	00800	03.78	34.930	27.77		1479.1							
	DBS	00850	03.78	34.930	27.77		1479.9							
	STD	00900	03.77	34.92	27.77	00.572	1480.7							
	DBS	00900	03.77	34.920	27.77		1480.7							
	DBS	00950	03.74	34.920	27.77		1481.4							
	STD	01000	03.70	34.93	27.78	00.613	1482.1							
	DBS	01000	03.70	34.930	27.78		1482.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31 0155	YEAR 1973	STATION 01710	AIR TEMP 10.0	DIR MGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0215	MONTH 06	SHIP EV	NET 8UL8 10.0	CO U A	WIND-SPD 13	TRACE DIR	5 SQUARE 2
LAT 44 30 N	DAY 28	DATA USE 1	BAROMETR 1028.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 148 51.1W	MOOR 10.1	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG D11 430	1 SQUARE 46

CASHTM/IME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	5ND VEL	OATG	P04	TOT P	NO2	NO3	5103	PM
13.1	STD	00000	06.55	32.45	22.49	00.000	1474.1							
	OBS	00001	06.55	32.450	22.49		1474.1							
	STD	00010	06.57	32.46	25.50	00.025	1474.2							
	OBS	00010	06.57	32.460	25.50		1474.2							
	STD	00020	03.94	32.50	25.83	00.048	1463.6							
	OBS	00020	03.94	32.500	25.83		1463.6							
	STD	00030	03.06	32.51	25.92	00.070	1460.1							
	OBS	00030	03.06	32.510	25.92		1460.1							
	STD	00040	01.77	32.800	26.25		1454.5							
	OBS	00050	- 0.75	33.01	26.55	00.106	1443.9							
	OBS	00060	- 0.75	33.010	26.55		1443.9							
	STD	00075	- 1.31	33.140	26.68		1441.6							
	OBS	00080	- 1.27	33.28	26.75	00.140	1442.2							
	OBS	00090	- 1.09	33.340	26.83		1443.3							
	STD	00100	- 0.14	33.65	26.91	00.168	1442.5							
	OBS	00100	- 0.14	33.650	27.08		1440.5							
	OBS	00110	- 0.21	33.670	27.08		1448.5							
	STD	00121	00.14	33.880	27.06		1448.3							
	OBS	00125	00.20	33.88	27.22	00.191	1450.4							
	STD	00125	00.21	33.867	27.22		1450.8							
	OBS	00144	01.16	34.140	27.37		1455.7							
	STD	00150	01.38	34.15	27.36	00.211	1456.8							
	OBS	00152	01.46	34.160	27.36		1457.2							
	OBS	00175	01.59	34.227	27.41		1458.3							
	STD	00200	01.89	34.36	27.45	00.245	1460.2							
	OBS	00201	01.52	34.370	27.50		1460.4							
	OBS	00205	02.08	34.430	27.53		1461.3							
	OBS	00213	02.23	34.478	27.56		1462.1							
	OBS	00226	02.41	34.507	27.57		1463.1							
	STD	00250	02.60	34.57	27.60	00.273	1464.4							
	OBS	00251	02.61	34.573	27.60		1464.3							
	OBS	00277	02.75	34.560	27.64		1465.5							
	STD	00300	02.14	34.71	27.66	00.297	1467.7							
	OBS	00300	02.15	34.712	27.66		1467.8							
	OBS	00350	02.77	34.843	27.71		1471.4							
	STD	00400	02.84	34.84	27.69	00.343	1472.6							
	OBS	00403	02.50	34.842	27.69		1472.9							
	OBS	00453	04.00	34.510	27.74		1474.2							
	STD	00500	03.96	34.51	27.74	00.386	1474.9							
	OBS	00502	03.58	34.510	27.74		1474.9							
	OBS	00552	03.95	34.910	27.74		1475.6							
	STD	00600	03.95	34.51	27.75	00.428	1476.4							
	OBS	00601	03.95	34.915	27.75		1476.5							
	OBS	00651	03.50	34.917	27.75		1477.1							
	STD	00700	03.85	34.53	27.77	00.469	1477.7							
	OBS	00700	03.85	34.930	27.77		1477.7							
	OBS	00750	03.86	34.917	27.76		1478.5							
	STD	00800	03.83	34.53	27.77	00.510	1475.3							
	OBS	00803	03.83	34.527	27.77		1475.3							
	OBS	00852	03.79	34.950	27.77		1480.0							
	STD	00900	03.80	34.93	27.77	00.552	1480.8							
	OBS	00922	03.80	34.925	27.77		1480.8							
	OBS	00951	03.74	34.520	27.77		1481.4							
	STD	01000	03.71	34.53	27.78	00.594	1482.1							
	OBS	01001	03.71	34.926	27.78		1482.1							
	STD	01100	03.73	34.93	27.78	00.636	1483.9							
	OBS	01100	03.73	34.930	27.78		1483.9							
	STD	01200	03.70	34.92	27.78	00.679	1485.4							
	OBS	01200	03.70	34.920	27.78		1485.4							
	OBS	01233	03.68	34.522	27.78		1485.9							
	OBS	01237	03.68	34.522	27.78		1485.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REF ID 31 4355	YEAR 1973	BOTOP 02530	AIR TEMP 09.2	GIR MGT PER	WIND-OIR 24	INST STD RECORDER	TEN SJ 1306
CONSEC J216	MONTH 06	SHIP EV	WET BULB 39.2	00 0 X	WIND-SPO 13	TRACE OIA 0	5 SQUARE 2
LAT 44 36.2N	JAY 28	DATA USE 1	BAROMETR 1029.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 35 W	MOOR 12.5	AREA 05	CLOUD 7/A	CL/TR	WEATHER 14	DRIG 011 401	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTNOPTM	SNO VEL	OXYG	P04	TOT P	MO2	MO3	SIG3	PH
12.5	STO	00000	06.37	32.51	25.56	00.000	1473.3							
	085	00003	06.37	32.510	25.56		1473.3							
	085	00007	05.95	32.450	25.57		1471.6							
	STO	00010	05.12	32.50	25.70	00.024	1468.4							
	085	00011	04.73	32.530	25.77		1466.8							
	STO	00020	04.11	32.73	26.00	00.045	1464.6							
	085	00022	03.93	32.780	26.05		1463.8							
	085	00026	03.62	31.830	26.12		1462.6							
	STO	00030	03.63	32.95	26.25	00.064	1463.1							
	085	00033	03.63	33.000	26.26		1463.1							
	085	00034	02.54	32.913	26.26		1458.3							
	085	00038	00.90	33.200	26.63		1451.5							
	085	00041	- 0.06	33.340	26.79		1447.4							
	085	00045	- 0.55	33.470	26.92		1445.4							
	085	00049	- 0.63	33.500	26.95		1445.1							
	STO	00050	- 0.63	33.51	26.95	00.093	1445.1							
	085	00055	- 0.62	33.550	26.95		1445.3							
	STO	00075	- 0.14	33.80	27.17	00.118	1448.2							
	085	00076	- 0.11	33.810	27.17		1448.4							
	STO	00100	00.65	33.96	27.27	00.140	1452.5							
	085	00102	00.87	34.050	27.31		1453.6							
	085	00106	01.21	34.160	27.38		1455.4							
	STO	00125	01.46	34.23	27.42	00.155	1456.9							
	085	00125	01.47	34.235	27.42		1456.9							
	STO	00150	01.83	34.34	27.50	00.174	1458.1							
	085	00152	01.86	34.370	27.53		1458.3							
	085	00167	01.97	34.390	27.51		1460.1							
	085	00178	03.07	34.560	27.55		1465.3							
	085	00194	03.43	34.580	27.53		1466.9							
	STO	00200	03.30	34.56	27.54	00.204	1466.6							
	085	00201	03.27	34.575	27.54		1466.5							
	085	00217	03.13	34.592	27.57		1468.2							
	085	00228	03.52	34.707	27.62		1468.2							
	STO	00250	03.60	34.72	27.63	00.230	1468.9							
	085	00251	03.61	34.720	27.63		1469.0							
	085	00277	03.78	34.720	27.61		1470.1							
	STO	00300	03.73	34.77	27.65	00.255	1470.4							
	085	00300	03.74	34.768	27.65		1470.4							
	085	00306	03.65	34.737	27.63		1470.1							
	085	00350	03.75	34.840	27.71		1471.4							
	STO	00400	03.90	34.85	27.70	00.301	1472.8							
	085	00430	03.91	34.848	27.70		1472.9							
	085	00453	03.95	34.857	27.70		1473.9							
	STO	00500	04.31	34.92	27.71	00.346	1476.3							
	085	00502	04.31	34.923	27.71		1476.3							
	085	00552	04.13	34.917	27.73		1476.3							
	STO	00600	04.38	34.93	27.71	00.351	1478.2							
	085	00601	04.36	34.932	27.71		1478.3							
	085	00651	04.25	34.920	27.71		1478.7							
	STO	00700	04.00	34.91	27.74	00.435	1478.3							
	085	00700	04.00	34.910	27.74		1478.3							
	085	00750	04.00	34.910	27.74		1475.1							
	STO	00800	04.05	34.91	27.73	00.460	1460.3							
	085	00803	04.05	34.914	27.73		1460.4							
	085	00852	04.08	34.910	27.73		1481.2							
	STO	00900	03.67	34.91	27.75	00.524	1481.1							
	085	00902	03.86	34.912	27.75		1481.1							
	085	00951	03.86	34.912	27.75		1481.9							
	STO	01000	03.92	34.93	27.76	00.566	1483.0							
	085	01001	03.92	34.930	27.76		1483.0							
	STO	01100	03.84	34.93	27.77	00.612	1484.3							
	085	01100	03.84	34.927	27.77		1484.3							
	STO	01200	03.75	34.93	27.77	00.657	1485.6							
	085	01203	03.79	34.927	27.77		1485.6							
	085	01225	03.78	34.930	27.77		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOO C S T A T I O N D A T A														
REFID #1 8355	YEAR 1973	BDTOP 02871	AIR TEMP 10.7	DIR MGT PER	WIND-DIR 27	INST STO RECORDER	TEN SO 1506							
CONSEC 0217	MONTH 06	SHIP EV	WET BULB 10.7	10 0 2	WIND-SPO 16	TRACE DIR	5 SQUARE 2							
LAT 44 35.6N	DAY 28	DATA USE	BAROMETR 1028.7	SEA	WIND-FOR	DURATION	2 SQUARE 48							
LONG 148 23.1W	MOOR 14.3	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG "011 402	1 SQUARE 48							
CASTNO/4/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
14.3	STO	00000	06.64	32.66	25.49	00.000	1463.3							
	OBS	00003	06.84	32.856	25.46		1463.4							
	STO	00010	08.55	32.80	25.48	00.025	1462.5							
	OBS	00011	06.53	32.790	25.48		1462.3							
	OBS	00015	05.77	32.765	25.44		1471.4							
	OBS	00019	05.20	32.653	25.98		1465.3							
	STO	00020	05.05	32.66	25.99	00.048	1468.8							
	OBS	00022	04.83	32.860	26.02		1467.8							
	OBS	00026	04.60	32.857	26.04		1466.5							
	STO	00030	04.20	32.86	26.10	00.067	1465.3							
	OBS	00030	04.10	32.881	26.12		1464.5							
	OBS	00034	02.97	32.908	26.24		1460.2							
	OBS	00038	01.28	33.075	26.51		1453.1							
	OBS	00041	- 0.16	33.280	26.75		1446.9							
	OBS	00045	- 0.53	33.420	26.88		1445.4							
	STO	00050	- 0.33	33.53	26.96	00.098	1446.5							
	OBS	00053	- 0.17	33.576	26.99		1447.4							
	OBS	00057	00.03	33.602	27.00		1446.4							
	OBS	00060	00.03	33.665	27.05		1446.6							
	OBS	00072	00.82	33.824	27.13		1452.6							
STO	00075	00.86	33.64	27.14	00.123	1451.9								
	OBS	00076	00.41	33.840	27.14		1452.1							
	OBS	00079	00.44	33.636	27.16		1451.9							
	OBS	00081	00.61	33.658	27.21		1452.0							
	OBS	00085	00.78	34.042	27.31		1453.1							
	OBS	00089	01.17	34.063	27.30		1454.9							
	STO	00100	01.21	34.05	27.32	00.145	1455.2							
	OBS	00102	01.35	34.137	27.35		1455.9							
	OBS	00110	01.93	34.175	27.34		1458.6							
	OBS	00118	04.81	34.170	27.34		1456.2							
STO	00125	02.17	34.22	27.35	00.163	1460.0								
	OBS	00125	02.20	34.224	27.36		1460.1							
	OBS	00125	01.98	34.273	27.41		1459.3							
	STO	00150	02.21	34.46	27.54	00.180	1460.9							
	OBS	00152	02.57	34.455	27.54		1462.6							
	OBS	00156	03.31	34.450	27.53		1465.9							
	OBS	00163	03.03	34.510	27.51		1464.8							
	OBS	00175	03.19	34.560	27.54		1465.7							
	OBS	00186	03.26	34.565	27.53		1466.2							
	OBS	00194	02.75	34.523	27.55		1464.1							
STO	00200	02.68	34.56	27.56	00.207	1464.8								
	OBS	00201	02.93	34.567	27.57		1465.0							
	OBS	00217	03.44	34.680	27.61		1467.6							
	OBS	00224	03.71	34.730	27.62		1469.0							
	OBS	00228	03.76	34.730	27.62		1469.2							
	STO	00250	03.72	34.71	27.61	00.234	1469.4							
	OBS	00251	03.72	34.714	27.61		1469.4							
	OBS	00277	04.17	34.850	27.67		1471.9							
	OBS	00293	04.18	34.840	27.66		1472.2							
	STO	00300	04.36	34.85	27.65	00.255	1473.2							
OBS	00300	04.40	34.850	27.65		1473.3								
	OBS	00350	04.17	34.877	27.69		1473.2							
	STO	00400	04.37	34.92	27.71	00.305	1474.5							
	OBS	00403	04.36	34.923	27.71		1475.0							
	OBS	00453	04.32	34.910	27.70		1475.5							
	STO	00500	04.21	34.92	27.72	00.345	1475.9							
	OBS	00502	04.20	34.920	27.72		1475.9							
	OBS	00552	04.02	34.930	27.75		1476.0							
	STO	00600	03.47	34.93	27.76	00.391	1476.5							
	OBS	00601	03.47	34.930	27.76		1476.6							
OBS	00651	04.07	34.940	27.74		1477.8								
	STO	00700	04.04	34.91	27.73	00.435	1478.5							
	OBS	00700	04.04	34.913	27.73		1478.5							
	OBS	00750	04.03	34.927	27.75		1479.3							
	STO	00800	04.02	34.92	27.74	00.477	1480.1							
	OBS	00803	04.02	34.922	27.74		1480.1							
	OBS	00852	03.46	34.940	27.75		1480.8							
	STO	00900	04.00	34.93	27.75	00.521	1481.6							
	OBS	00902	04.00	34.930	27.75		1481.7							
	OBS	00955	03.55	34.917	27.75		1482.3							
STO	01000	03.96	34.91	27.74	00.567	1483.1								
	OBS	01001	03.56	34.910	27.74		1483.1							
	STO	01100	03.87	34.93	27.76	00.612	1484.4							
	OBS	01100	03.87	34.927	27.76		1484.4							
	STO	01200	03.79	34.93	27.78	00.656	1485.8							
	OBS	01205	03.79	34.935	27.78		1485.8							
	OBS	01253	03.77	34.922	27.77		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S I A T I O N D A T A

REF ID: A 0000	YEAR: 1973	BOTOP: 00161	AIR TEMP: 11.3	DIR HGT PER	WIND-DIR: 28	INST STD RECORDER	TEN SW: 1006
CONSEC: 0210	MONTH: 06	SHIP EV	WET BULB: 11.3	DO: 0.2	WIND-SPD: 16	TRACE DIR: 0	5 SQUARE: 2
LAT: 35.54	LAY: 26	DATA USE: 1	BAROMETR: 1028.2	SEA	WIND-FOR	DURATION	2 SQUARE: 48
LONG: 114.4	HOUR: 06.3	AREA: 05	CLOUD: T/A	CL/TH	WEATHER: X4	ORIG: 011 403	1 SQUARE: 48

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	OXYG	PO4	TOF P	NO2	NO3	SIO3	PH
10.3	STD	00000	06.73	32.86	25.51	00.000	1484.4							
	085	00003	06.73	32.859	25.51		1483.0							
	065	00007	06.77	32.705	25.47		1475.3							
	STD	00010	06.59	32.79	25.76	00.024	1474.7							
	065	00011	06.31	32.805	25.80		1473.6							
	085	00015	04.90	32.720	25.90		1467.8							
	085	00019	04.42	32.865	26.07		1466.1							
	STD	00023	04.43	32.91	26.10	00.045	1466.2							
	065	00022	04.46	32.965	26.14		1466.4							
	085	00026	03.71	32.910	26.18		1463.5							
	STD	00030	02.70	33.08	26.40	00.062	1454.2							
	065	00033	02.58	33.100	26.43		1458.7							
	085	00034	01.86	33.166	26.54		1455.7							
	085	00038	00.80	33.256	26.66		1451.1							
	085	00042	00.06	33.446	26.87		1448.1							
	085	00045	- 0.18	33.450	26.92		1447.1							
	STD	00050	- 0.20	33.51	26.94	00.090	1447.1							
	085	00053	- 0.21	33.530	26.95		1447.2							
	085	00060	- 0.39	33.584	27.00		1446.5							
	STD	00075	00.13	33.80	27.15	00.116	1449.5							
	085	00076	00.17	33.813	27.16		1449.7							
	085	00099	00.91	34.064	27.32		1453.8							
	STD	00103	01.05	34.07	27.32	00.137	1454.4							
	085	00102	01.29	34.050	27.32		1455.6							
	085	00106	01.23	34.056	27.32		1455.5							
	085	00114	01.60	34.241	27.40		1458.2							
	085	00118	01.48	34.236	27.42		1456.9							
	STD	00125	01.54	34.24	27.42	00.155	1457.3							
	085	00125	01.55	34.236	27.42		1457.3							
	085	00140	01.67	34.348	27.50		1458.2							
	085	00144	01.91	34.377	27.50		1459.4							
	085	00148	02.66	34.490	27.53		1462.9							
	STD	00150	02.66	34.49	27.53	00.170	1462.9							
	085	00154	02.67	34.490	27.53		1463.0							
	085	00175	03.02	34.573	27.56		1465.0							
	STD	00200	02.55	34.58	27.58	00.198	1465.1							
	085	00201	02.94	34.582	27.58		1465.1							
	085	00226	03.12	34.685	27.64		1466.5							
	STD	00250	03.57	34.75	27.65	00.223	1468.8							
	085	00251	03.60	34.754	27.65		1469.0							
	085	00277	04.08	34.658	27.69		1471.6							
	STD	00300	04.17	34.62	27.73	00.245	1472.4							
	085	00300	04.17	34.622	27.73		1472.4							
	085	00350	04.26	34.925	27.72		1473.6							
	STD	00400	04.18	34.93	27.73	00.286	1474.1							
	085	00403	04.14	34.933	27.74		1474.2							
	085	00453	04.18	34.910	27.72		1475.0							
	STD	00500	04.15	34.92	27.73	00.328	1475.6							
	065	00502	04.15	34.917	27.73		1475.7							
	085	00552	04.03	34.927	27.75		1476.0							
	STD	00600	04.14	34.94	27.74	00.371	1477.3							
	085	00601	04.14	34.937	27.74		1477.3							
	085	00651	04.09	34.920	27.73		1477.9							
	STD	00700	03.89	34.92	27.76	00.413	1477.9							
	085	00700	03.89	34.922	27.76		1477.9							
	085	00750	03.83	34.930	27.77		1478.4							
	STD	00800	03.63	34.93	27.77	00.455	1479.3							
	085	00803	03.83	34.927	27.77		1479.3							
	085	00812	03.93	34.920	27.75		1480.6							
	STD	00900	03.88	34.92	27.76	00.497	1481.1							
	085	00902	03.86	34.922	27.76		1481.2							
	085	00951	03.82	34.910	27.75		1481.7							
	STD	01000	03.73	34.91	27.76	00.540	1482.2							
	085	01001	03.73	34.910	27.76		1482.2							
	STD	01100	03.70	34.92	27.78	00.583	1483.7							
	085	01100	03.70	34.920	27.78		1483.7							
	STD	01200	03.70	34.92	27.78	00.627	1485.4							
	085	01203	03.70	34.920	27.78		1485.4							
	085	01214	03.74	34.910	27.76		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOGC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 05438	AIR TEMP 12.3	DIR MGT PER	WIND-DIR 17	INSI STO RECORDER	LEN SQ 1506
CONSEC 0219	MONTH 06	SHIP EV	WET BULB 12.3	27 1 2	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 44 35 N	DAY 28	DATA USE 1	BAROMETER 1028.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 56.8 W	MOON 16.2	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 404	1 SQUARE 47

CASSTN/TIME	LYLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIC3	PH
10.2	STD	00000	09.20	31.79	25.38	00.000	1484.6							
	085	00000	09.20	31.786	25.38		1484.7							
	085	00007	09.51	31.470	25.46		1475.5							
	STD	00010	09.64	31.40	25.56	00.025	1470.3							
	085	00011	09.99	31.553	25.60		1467.6							
	085	00015	09.54	31.670	26.00		1462.0							
	085	00015	09.10	31.827	26.17		1460.4							
	STD	00020	09.24	31.84	26.18	00.047	1461.2							
	085	00022	09.50	31.878	26.17		1462.2							
	085	00026	09.12	31.897	26.22		1460.7							
	STD	00030	09.05	31.95	26.30	00.065	1458.8							
	085	00033	09.56	31.961	26.32		1458.4							
	085	00034	01.73	31.135	26.52		1455.1							
	085	00041	00.59	31.242	26.66		1450.0							
	085	00043	00.88	31.398	26.75		1451.8							
	085	00045	00.31	31.405	26.83		1445.3							
	STD	00050	00.33	31.43	26.85	00.094	1449.5							
	085	00053	00.53	31.554	26.93		1450.6							
	085	00064	- 0.03	31.580	26.98		1448.2							
	085	00068	00.01	31.672	27.06		1446.6							
	085	00072	00.77	31.793	27.11		1452.3							
	STD	00075	00.61	31.76	27.11	00.121	1451.6							
	085	00076	00.56	31.760	27.11		1451.4							
	STD	00100	00.75	31.55	27.27	00.142	1451.5							
	085	00102	00.74	31.014	27.29		1451.2							
	STD	00125	01.27	31.14	27.36	00.165	1455.9							
	085	00125	01.25	31.147	27.36		1450.0							
	085	00144	01.51	31.116	27.45		1455.3							
	STD	00150	02.06	31.36	27.47	00.180	1460.1							
	085	00152	02.11	31.370	27.46		1460.4							
	085	00171	02.33	31.440	27.52		1461.8							
	085	00178	03.17	31.575	27.55		1465.7							
	STD	00200	03.37	31.55	27.54	00.209	1466.9							
	085	00205	03.43	31.603	27.55		1467.3							
	085	00226	03.66	31.700	27.60		1466.6							
	085	00239	03.44	31.670	27.60		1468.0							
	STD	00250	03.45	31.70	27.62	00.236	1468.3							
	085	00251	03.46	31.700	27.62		1468.3							
	085	00277	03.73	31.730	27.62		1465.9							
	085	00281	03.75	31.775	27.65		1470.1							
	085	00285	04.11	31.855	27.68		1471.8							
	STD	00300	04.14	31.84	27.67	00.260	1472.2							
	085	00300	04.14	31.640	27.67		1472.2							
	085	00335	03.61	31.607	27.69		1470.5							
	085	00350	03.70	31.623	27.70		1471.1							
	085	00376	04.14	31.856	27.71		1473.5							
	085	00352	04.02	31.880	27.71		1473.2							
	STD	00400	04.32	31.52	27.71	00.305	1474.7							
	085	00403	04.43	31.550	27.71		1475.2							
	085	00453	04.43	31.525	27.70		1476.0							
	STD	00500	04.44	31.92	27.65	00.350	1476.8							
	085	00502	04.44	31.915	27.65		1476.5							
	085	00552	04.33	31.913	27.73		1477.2							
	STD	00600	04.21	31.53	27.73	00.395	1477.6							
	085	00601	04.21	31.530	27.73		1477.6							
	085	00651	04.03	31.510	27.73		1477.7							
	STD	00700	04.10	31.52	27.74	00.435	1478.7							
	085	00700	04.10	31.522	27.74		1478.7							
	085	00750	03.55	31.522	27.75		1478.9							
	STD	00800	03.45	31.51	27.75	00.483	1479.5							
	085	00803	03.49	31.510	27.75		1479.6							
	085	00852	03.85	31.527	27.77		1480.2							
	STD	00900	03.83	31.52	27.76	00.526	1480.9							
	085	00902	03.83	31.915	27.76		1481.0							
	085	00951	03.63	31.916	27.76		1481.8							
	STD	01000	03.76	31.52	27.77	00.569	1482.3							
	085	01001	03.76	31.520	27.77		1482.3							
	STD	01100	03.74	31.51	27.76	00.613	1483.5							
	085	01100	03.74	31.510	27.76		1483.9							
	085	01159	03.75	31.925	27.77		1485.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8555	YEAR 1973	80TOP 03520	AIR TEMP 10.5	DIR MGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CN4SEC 0220	MONTH 06	SHIP EV	WET BULB 10.5	00 0 A	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 44 21.4N	DAY 26	DATA USE 1	BAROMETR 1027.4	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 58 W	MOJ 21.0	AREA 05	CLOUD T/A	CL77R	WEATHER X4	ORIG 011 405	1 SQUARE 47

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
21.0	ST0	00000	06.91	32.64	25.60	00.000	1475.6							
	085	00000	06.91	32.640	25.60		1475.7							
	085	00007	06.63	32.750	25.72		1474.8							
	ST0	00010	06.05	32.75	25.80	00.023	1472.4							
	085	00011	05.77	32.750	25.83		1471.4							
	085	00015	05.45	32.750	25.90		1470.1							
	085	00015	04.21	32.820	26.06		1465.1							
	ST0	00020	04.19	32.82	26.06	00.044	1465.1							
	085	00022	04.07	32.830	26.08		1464.6							
	085	00026	03.74	32.860	26.13		1463.3							
	ST0	00030	03.10	32.95	26.27	00.063	1460.7							
	085	00030	03.02	32.960	26.28		1460.4							
	085	00041	03.50	33.180	26.61		1451.5							
	ST0	00050	03.02	33.25	26.75	00.093	1447.8							
	085	00053	- 0.24	33.330	26.79		1446.7							
	ST0	00075	- 0.76	33.47	26.93	00.124	1444.9							
	085	00076	- 0.77	33.480	26.93		1444.9							
	ST0	00100	- 0.55	33.66	27.07	00.150	1446.6							
	085	00102	- 0.47	33.680	27.08		1447.0							
	ST0	00125	00.52	33.85	27.20	00.174	1452.2							
	085	00125	00.53	33.850	27.20		1452.2							
	085	00140	00.70	33.970	27.26		1453.4							
	085	00144	00.75	34.000	27.30		1453.9							
	ST0	00150	01.05	34.10	27.34	00.194	1455.3							
	085	00152	01.14	34.150	27.36		1455.6							
	085	00175	01.49	34.220	27.41		1457.8							
	085	00186	01.70	34.230	27.40		1459.0							
	085	00190	01.95	34.360	27.49		1460.3							
	ST0	00200	02.08	34.36	27.48	00.228	1461.0							
	085	00201	02.11	34.370	27.48		1461.2							
	085	00213	02.33	34.460	27.53		1462.5							
	085	00217	02.73	34.510	27.54		1464.3							
	085	00224	03.04	34.570	27.56		1465.9							
	085	00232	02.52	34.570	27.57		1465.5							
	ST0	00250	03.46	34.69	27.61	00.257	1466.4							
	085	00251	03.50	34.690	27.61		1466.5							
	085	00255	03.55	34.690	27.61		1468.7							
	085	00266	04.31	34.810	27.62		1472.3							
	085	00270	04.32	34.810	27.62		1472.4							
	085	00278	04.14	34.780	27.62		1471.7							
	085	00281	03.88	34.730	27.61		1470.6							
	ST0	00300	03.68	34.70	27.60	00.282	1470.0							
	085	00300	03.67	34.700	27.60		1470.0							
	085	00350	03.69	34.710	27.61		1470.9							
	ST0	00400	04.41	34.92	27.70	00.331	1475.1							
	085	00403	04.43	34.930	27.71		1475.2							
	085	00453	04.16	34.850	27.70		1474.8							
	ST0	00500	02.96	34.86	27.70	00.375	1474.6							
	085	00502	02.98	34.860	27.70		1474.9							
	085	00552	04.00	34.910	27.74		1475.6							
	ST0	00600	04.02	34.92	27.74	00.419	1476.7							
	085	00601	04.02	34.920	27.74		1476.8							
	085	00651	03.98	34.950	27.75		1477.4							
	ST0	00700	04.05	34.92	27.74	00.462	1478.5							
	085	00700	04.05	34.920	27.74		1478.5							
	085	00750	03.96	34.910	27.74		1479.0							
	ST0	00800	03.90	34.93	27.76	00.505	1479.6							
	085	00803	03.90	34.930	27.76		1479.6							
	085	00852	03.94	34.920	27.75		1480.5							
	ST0	00900	03.86	34.92	27.76	00.548	1481.1							
	085	00902	03.86	34.920	27.76		1481.1							
	085	00951	03.80	34.930	27.77		1481.7							
	ST0	01000	03.78	34.93	27.77	00.590	1482.4							
	085	01001	03.78	34.930	27.77		1482.4							
	ST0	01100	03.75	34.92	27.77	00.633	1483.9							
	085	01100	03.75	34.920	27.77		1483.9							
	ST0	01200	03.74	34.92	27.77	00.678	1485.6							
	085	01203	03.74	34.920	27.77		1485.6							
	085	01218	03.74	34.920	27.77		1485.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 0255	YEAR 1973	BOTDP 03407	AIR TEMP 10.8	DIR HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SQ 1306
CONSEC 0221	MONTH 06	SHIP EV	WET BULB 10.8	Q3 0 X	WIND-SPO 14	TRACE DIR	5 SQUARE 2
LAT 4 19.6N	DAY 26	DATA USE 1	BAROMETR 1028.1	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 08 W	MOOR 25.2	AREA 05	CLOUD 1/4	CL/TR	WEATHER A4	DRIG 011 406	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
25.2	STD	00000	09.27	32.84	25.41	00.000	1464.9							
	OBS	00003	09.27	32.845	25.41		1465.0							
	OBS	00007	09.16	32.818	25.41		1464.6							
	STD	00010	07.32	32.70	25.59	00.025	1477.4							
	OBS	00011	06.51	32.682	25.68		1474.2							
	OBS	00015	05.31	32.832	25.95		1465.6							
	OBS	00019	05.08	32.810	25.95		1468.7							
	STD	00020	04.51	32.83	25.59	00.047	1468.1							
	OBS	00022	04.52	32.901	26.05		1466.6							
	STD	00030	03.57	33.06	26.27	00.066	1464.6							
	OBS	00030	03.53	33.063	26.27		1464.5							
	OBS	00034	05.84	33.055	26.31		1464.2							
	OBS	00038	05.44	33.162	26.40		1462.6							
	OBS	00041	02.66	33.374	26.64		1455.6							
	OBS	00045	02.20	33.477	26.76		1457.8							
	STD	00050	01.45	33.54	26.84	00.096	1456.6							
	OBS	00053	01.68	33.590	26.85		1455.8							
	STD	00075	01.12	33.86	27.15	00.123	1454.0							
	OBS	00076	01.10	33.874	27.16		1454.0							
	OBS	00091	00.59	34.020	27.28		1453.9							
	STD	00100	01.03	34.03	27.30	00.144	1454.3							
	OBS	00102	01.06	34.062	27.31		1454.5							
	STD	00125	01.44	34.21	27.40	00.163	1456.8							
	OBS	00125	01.46	34.214	27.40		1456.9							
	STD	00150	02.47	34.48	27.54	00.178	1462.1							
	OBS	00152	02.34	34.454	27.54		1462.4							
	OBS	00175	03.03	34.567	27.56		1465.0							
	STD	00200	02.82	34.57	27.58	00.206	1464.6							
	OBS	00201	02.81	34.570	27.58		1464.5							
	OBS	00228	03.05	34.667	27.65		1466.3							
	STD	00230	03.45	34.65	27.62	00.232	1468.4							
	OBS	00251	03.32	34.700	27.62		1468.6							
	OBS	00270	03.57	34.843	27.69		1471.0							
	OBS	00277	04.03	34.843	27.68		1471.3							
	STD	00300	03.75	34.82	27.65	00.255	1470.7							
	OBS	00300	03.78	34.820	27.69		1470.6							
	OBS	00308	03.84	34.835	27.69		1471.0							
	OBS	00316	04.07	34.850	27.68		1472.2							
	OBS	00330	04.26	34.920	27.72		1473.6							
	STD	00400	04.24	34.93	27.70	00.300	1474.3							
	OBS	00403	04.24	34.955	27.70		1474.4							
	OBS	00453	04.17	34.920	27.73		1474.9							
	STD	00500	04.13	34.85	27.71	00.344	1475.3							
	OBS	00502	04.12	34.950	27.71		1475.5							
	OBS	00552	02.56	34.915	27.74		1475.7							
	STD	00600	03.53	34.91	27.74	00.388	1476.4							
	OBS	00601	03.53	34.910	27.74		1476.4							
	OBS	00631	03.80	34.900	27.73		1476.6							
	STD	00700	03.62	34.91	27.76	00.429	1477.3							
	OBS	00700	03.82	34.915	27.76		1477.6							
	OBS	00750	03.77	34.913	27.76		1478.2							
	STD	00800	03.73	34.91	27.77	00.471	1478.8							
	OBS	00803	03.73	34.913	27.77		1478.9							
	OBS	00832	03.74	34.913	27.77		1479.7							
	STD	00900	03.72	34.91	27.77	00.512	1480.4							
	OBS	00902	03.72	34.913	27.77		1480.5							
	OBS	00951	03.74	34.916	27.77		1481.4							
	STD	01000	03.72	34.92	27.77	00.555	1482.1							
	OBS	01001	03.72	34.917	27.77		1482.1							
	OBS	01100	03.79	34.91	27.76	00.595	1484.1							
	STD	01200	03.75	34.907	27.76		1484.1							
	OBS	01203	03.82	34.91	27.76	00.644	1485.9							
	OBS	01222	03.75	34.902	27.75		1485.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O C C S T A T I O N D A T A

REFID 54 0355	YEAR 1973	80TOP 01778	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0222	MONTH 06	SHIP EV	WET BULB 09.6	00 0 X	WIND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 44 18.7N	DAY 29	DATA USE 1	BAROMETER 1027.8	SEA	WIND-FDR	DURATION	2 SQUARE 46
LONG 048 21.1W	MOJR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 407	1 SQUARE 48

CAS7NJA/TIME	LVLTYP	DEP7M	TEMP	SAL	SIGMA-T	DYNOP7M	SNO VEL	ORVG	P04	TOT P	MO2	MO3	S103	PH
01.5	STD	00000	06.74	32.51	25.52	00.000	1474.8							
	085	00003	06.74	32.511	25.52		1474.8							
	085	00007	06.70	32.503	25.52		1474.7							
	STD	00010	06.49	32.44	25.50	00.025	1473.6							
	085	00011	06.08	32.433	25.54		1472.2							
	085	00015	04.50	32.507	25.79		1465.4							
	085	00019	03.68	32.530	25.88		1462.5							
	STD	00020	05.61	32.58	25.92	00.046	1462.3							
	085	00022	03.54	32.655	26.02		1462.2							
	085	00026	03.72	32.817	26.10		1463.2							
	STD	00030	03.67	32.81	26.10	00.066	1463.0							
	085	00033	03.64	32.811	26.10		1462.9							
	085	00034	03.29	32.632	26.15		1461.5							
	085	00038	02.38	32.518	26.30		1457.7							
	085	00041	01.13	33.074	26.51		1452.4							
	085	00045	00.10	33.430	26.86		1448.3							
	085	00049	00.26	33.478	26.89		1445.2							
	STD	00050	00.24	33.468	26.89	00.059	1445.1							
	085	00053	00.10	33.517	26.93		1448.6							
	085	00072	- 0.14	33.661	27.05		1448.0							
	STD	00075	- 0.09	33.67	27.06	00.120	1448.3							
	085	00076	- 0.07	33.681	27.07		1448.4							
	085	00054	00.55	33.933	27.23		1452.1							
	STD	00100	00.64	33.55	27.25	00.149	1452.4							
	085	00102	00.70	33.990	27.27		1453.1							
	085	00118	01.66	34.176	27.36		1457.6							
	STD	00125	01.57	34.24	27.39	00.168	1455.2							
	085	00125	02.01	34.252	27.39		1455.3							
	085	00135	02.64	34.360	27.43		1462.4							
	085	00140	02.68	34.400	27.46		1462.7							
	STD	00150	03.13	34.44	27.45	00.185	1464.9							
	085	00155	03.35	34.480	27.46		1466.0							
	085	00167	03.33	34.500	27.48		1466.1							
	085	00175	02.81	34.445	27.48		1463.9							
	085	00190	02.88	34.525	27.54		1464.6							
	085	00194	03.17	34.573	27.55		1466.0							
	STD	00200	03.30	34.65	27.55	00.214	1467.1							
	085	00201	03.44	34.665	27.60		1467.4							
	085	00228	03.91	34.710	27.55		1465.8							
	STD	00250	03.90	34.71	27.55	00.241	1470.2							
	085	00251	03.50	34.710	27.55		1470.2							
	085	00258	03.53	34.800	27.66		1470.6							
	085	00262	04.30	34.845	27.65		1472.2							
	085	00266	04.38	34.858	27.65		1472.6							
	085	00270	04.65	34.858	27.66		1473.9							
	085	00277	04.65	34.910	27.67		1474.0							
	STD	00300	04.70	34.92	27.67	00.266	1474.6							
	085	00300	04.70	34.917	27.67		1474.6							
	085	00308	04.52	34.887	27.66		1474.0							
	085	00316	04.16	34.835	27.66		1472.5							
	085	00350	04.25	34.684	27.65		1473.5							
	085	00357	04.04	34.845	27.68		1472.7							
	STD	00400	04.22	34.92	27.72	00.311	1474.3							
	085	00403	04.23	34.920	27.72		1474.4							
	085	00445	04.22	34.994	27.70		1475.0							
	085	00456	04.06	34.682	27.71		1474.5							
	STD	00500	04.06	34.92	27.73	00.353	1475.2							
	085	00502	04.06	34.910	27.73		1475.3							
	085	00552	04.06	34.913	27.74		1475.5							
	STD	00600	03.62	34.91	27.75	00.355	1476.3							
	085	00631	03.52	34.915	27.75		1476.3							
	085	00651	03.62	34.907	27.75		1476.7							
	STD	00700	03.77	34.91	27.76	00.436	1477.3							
	085	00700	03.77	34.906	27.76		1477.3							
	085	00750	03.76	34.915	27.76		1478.1							
	STD	00800	03.71	34.91	27.77	00.478	1478.8							
	085	00805	03.74	34.913	27.77		1478.6							
	085	00852	03.69	34.910	27.77		1479.5							
	STD	00900	03.68	34.91	27.77	00.519	1480.3							
	085	00902	03.68	34.913	27.77		1480.3							
	085	00951	03.67	34.917	27.78		1481.1							
	STD	01000	03.69	34.92	27.78	00.561	1482.0							
	085	01001	03.65	34.920	27.78		1482.0							
	STD	01100	03.69	34.90	27.76	00.604	1483.6							
	085	01100	03.69	34.900	27.76		1483.6							
	085	01134	03.70	34.900	27.76		1484.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N D A T A

REFID 34 8355	YEAR 1973	BOATP 02763	AIR TEMP 05.5	DIR HGT PEK	WIND-DIR 28	INST STO RECORDER	TEN 50 1306
CONSEC 0223	MONTH 06	SHIP EV	WET BULB 05.5	DO 0 X	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 44 17.6N	DAY 25	DATA USE 1	BARDMETR 1027.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 148 32.8W	HOOR 03.5	AREA 05	CLOUD 1/A	CL/TR	WEATHER X4	DRIG 011 408	1 SQUARE 48

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	06.42	32.43	25.50									
03.5	085	00005	06.42	32.435	25.50	00.000								1473.4
	085	00007	05.16	32.598	25.75									1473.4
	STD	00010	04.91	32.50	25.77	00.024								1468.5
	085	00011	04.76	32.563	25.75									1467.5
	085	00019	04.31	32.651	25.91									1467.3
	STD	00020	04.40	32.70	25.94	00.045								1465.3
	085	00022	04.52	32.780	25.99									1465.6
	085	00026	04.40	32.801	26.02									1466.4
	STD	00030	04.10	32.83	26.07	00.065								1466.0
	085	00030	04.05	32.822	26.08									1464.9
	085	00034	03.56	32.807	26.11									1464.6
	085	00038	02.65	32.796	26.18									1462.6
	085	00041	02.43	33.046	26.40									1458.9
	085	00045	02.84	33.150	26.45									1456.2
	085	00049	02.33	33.156	26.53									1460.2
	STD	00050	02.02	33.20	26.55	00.100								1457.9
	085	00053	00.59	33.250	26.69									1456.7
	085	00057	- 0.24	33.440	26.88									1450.4
	085	00060	- 0.61	33.475	26.93									1447.0
	085	00064	- 0.69	33.522	26.97									1445.4
	STD	00075	- 0.48	33.64	27.06	00.131								1445.1
	085	00076	- 0.46	33.655	27.06									1446.4
	085	00095	- 0.06	33.785	27.15									1446.6
	085	00099	00.25	33.880	27.21									1448.9
	STD	00100	00.26	33.88	27.21	00.155								1450.5
	085	00102	00.37	33.885	27.21									1450.2
	085	00121	01.05	34.012	27.27									1451.1
	STD	00125	01.04	34.00	27.26	00.176								1454.7
	085	00125	01.04	34.000	27.26									1454.7
	085	00144	01.30	34.150	27.36									1454.7
	085	00148	01.46	34.215	27.41									1456.4
	STD	00150	01.56	34.22	27.40	00.195								1457.2
	085	00152	01.70	34.225	27.40									1457.7
	085	00175	02.06	34.366	27.48									1458.4
	085	00182	02.51	34.406	27.48									1460.5
	STD	00200	02.74	34.52	27.54	00.226								1462.7
	085	00201	02.76	34.527	27.55									1464.1
	085	00205	02.65	34.500	27.54									1464.3
	085	00213	02.73	34.576	27.55									1463.9
	085	00220	03.53	34.605	27.59									1464.4
	085	00232	02.77	34.570	27.58									1468.1
	085	00236	02.76	34.560	27.57									1464.9
	085	00239	03.14	34.627	27.60									1465.0
	STD	00250	03.86	34.73	27.61	00.253								1466.6
	085	00258	04.08	34.754	27.60									1470.0
	085	00266	03.96	34.720	27.59									1471.1
	085	00277	04.10	34.750	27.60									1470.7
	085	00285	04.05	34.768	27.62									1471.5
	085	00293	03.66	34.707	27.61									1471.5
	STD	00300	03.64	34.711	27.62	00.278								1469.9
	085	00300	03.64	34.715	27.62									1469.9
	085	00350	03.44	34.700	27.63									1469.9
	STD	00400	03.83	34.85	27.70	00.326								1472.5
	085	00403	03.86	34.850	27.70									1472.7
	085	00441	04.11	34.853	27.68									1474.4
	085	00453	04.01	34.850	27.69									1474.2
	STD	00500	04.21	34.90	27.71	00.370								1475.8
	085	00502	04.21	34.900	27.71									1475.9
	085	00552	04.11	34.935	27.72									1476.3
	STD	00600	04.07	34.91	27.73	00.415								1476.9
	085	00601	04.07	34.910	27.73									1477.0
	085	00651	04.03	34.920	27.74									1477.6
	STD	00700	04.02	34.90	27.72	00.455								1478.4
	085	00700	04.02	34.898	27.72									1478.4
	085	00750	03.97	34.910	27.74									1479.0
	STD	00800	03.90	34.91	27.75	00.503								1479.6
	085	00805	03.90	34.910	27.75									1479.6
	085	00852	03.85	34.915	27.76									1480.2
	STD	00900	03.81	34.92	27.76	00.546								1480.8
	085	00902	03.81	34.917	27.76									1480.9
	085	00951	03.79	34.920	27.77									1481.6
	STD	01000	03.73	34.91	27.77	00.589								1482.2
	085	01001	03.73	34.913	27.77									1482.2
	STD	01100	03.72	34.91	27.77	00.633								1483.8
	085	01100	03.72	34.915	27.77									1483.8
	085	01155	03.70	34.917	27.77									1485.3

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 01 0355 YEAR 1973 BOTOP 01886 AIR TEMP 10.5 OIR MGT PER #INO-OIR 25 INST STD RECORDER TEN SQ 1306
CONSEL 0224 MONTH 06 SHIP EV WET BULB 10.5 00 0 X WIND-SPD 11 TRACE OIR 0 5 SQUARE 2
LAT 44 10.5N DAY 29 DATA USE 1 SEA 00 0 X WIND-FOR DURATION 2 SQUARE 48
LONG 148 45 W MJJR 05.8 AREA 05 CLOUD 7/4 CL/TR WEATHER X4 ORIG_011 409 1 SQUARE 48

CASHTNM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OKYG	PC4	TOT P	MO2	MO3	S103	PH
05.8	STO	00000	04.20	32.75	25.38	00.000	1484.6							
	085	00003	09.20	32.786	25.38		1484.7							
	085	00007	08.05	32.487	25.31		1480.1							
	STO	00010	05.54	32.40	25.53	00.025	1471.6							
	085	00011	04.59	32.555	25.60		1467.6							
	085	00015	05.54	32.670	26.00		1462.0							
	085	00019	05.10	32.627	26.17		1460.4							
	STO	00020	03.26	32.84	26.16	00.047	1461.2							
	085	00022	03.50	32.876	26.17		1460.2							
	085	00026	03.12	32.857	26.22		1460.7							
	STO	00030	02.65	32.95	26.33	00.065	1458.8							
	085	00030	02.54	32.661	26.32		1458.4							
	085	00034	01.73	33.155	26.52		1455.1							
	085	00041	00.95	33.242	26.66		1452.0							
	085	00045	00.68	33.358	26.79		1451.8							
	085	00045	00.31	33.405	26.83		1449.3							
	STO	00050	00.32	33.43	26.85	00.094	1449.6							
	085	00053	00.53	33.554	26.93		1450.6							
	085	00060	00.07	33.530	26.94		1448.6							
	085	00064	- 0.03	33.580	26.98		1448.2							
	085	00068	00.30	33.765	27.13		1450.1							
	085	00072	00.77	33.793	27.11		1452.3							
	STO	00075	00.61	33.78	27.11	00.122	1451.6							
	085	00076	00.56	33.780	27.11		1451.4							
	STO	00100	00.75	33.99	27.27	00.144	1452.9							
	085	00102	00.79	34.014	27.29		1453.2							
	STO	00125	01.27	34.14	27.36	00.163	1455.9							
	085	00125	01.29	34.147	27.36		1450.0							
	085	00144	01.51	34.516	27.45		1459.3							
	STO	00150	02.06	34.35	27.47	00.180	1460.1							
	085	00152	02.14	34.358	27.47		1460.4							
	085	00171	02.33	34.440	27.52		1461.8							
	085	00175	02.80	34.59	27.600									
	085	00178	03.17	34.575	27.55		1465.7							
	STO	00200	03.50	34.57	27.52	00.211	1467.5							
	085	00201	03.52	34.573	27.52		1467.6							
	085	00228	03.66	34.700	27.60		1468.8							
	STO	00250	03.46	34.70	27.62	00.238	1468.3							
	085	00251	03.46	34.700	27.62		1468.3							
	085	00277	03.73	34.750	27.62		1465.9							
	085	00281	03.75	34.775	27.65		1470.1							
	085	00265	04.11	34.655	27.68		1471.8							
	STO	00300	04.14	34.64	27.67	00.262	1472.2							
	085	00300	04.14	34.640	27.67		1472.2							
	085	00314	03.62	34.71	27.620									
	085	00350	03.73	34.623	27.70		1471.1							
	085	00354	04.02	34.680	27.71		1473.2							
	STO	00400	04.32	34.52	27.71	00.307	1474.7							
	085	00403	04.43	34.550	27.71		1475.2							
	085	00453	04.43	34.525	27.70		1476.0							
	STO	00500	04.44	34.52	27.69	00.352	1476.8							
	085	00502	04.44	34.515	27.65		1476.5							
	085	00552	04.33	34.513	27.70		1477.2							
	STO	00600	04.21	34.53	27.73	00.357	1477.6							
	085	00601	04.21	34.530	27.73		1477.6							
	085	00651	04.05	34.910	27.73		1477.7							
	STO	00700	04.10	34.52	27.74	00.441	1478.7							
	085	00700	04.10	34.522	27.74		1478.7							
	085	00750	03.95	34.522	27.75		1478.5							
	STO	00800	03.89	34.51	27.75	00.485	1475.5							
	085	00800	03.85	34.910	27.75		1479.6							
	085	00852	03.85	34.527	27.77		1480.2							
	STO	00900	03.83	34.52	27.76	00.528	1483.5							
	085	00902	03.83	34.515	27.76		1481.0							
	085	00951	03.83	34.518	27.76		1481.8							
	STO	01000	03.76	34.52	27.77	00.571	1482.3							
	085	01001	03.76	34.520	27.77		1482.3							
	STO	01100	03.74	34.51	27.76	00.615	1483.5							
	085	01100	03.74	34.510	27.76		1483.5							
	085	01199	03.75	34.525	27.77		1485.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOJC STATION DATA

REFID 31 8355	YEAR 1973	5070P	AIR TEMP 10.8	DIR HGT PER	WIND-DIR 28	INST STD RECORDER	TEN SQ 3306
COGDEC 0223	MONTH 06	SHIP EV	WET GULB 10.8	00 0 A	WIND-SPO 10	TRACE DIR 0	5 SQUARE 2
LAT 44 13.94	DAY 29	DATA USE 1	BAROMETR 1027.6	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 143 50.34	MOJA 07.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 410	1 SQUARE 46

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PC4	TOT P ₂	NO2	NO3	SIO3	PH
07.5	STD	00000	07.74	32.20	25.14	00.000	1478.3							
	085	00003	07.74	32.201	25.14		1478.3							
	085	00007	05.08	32.306	25.56		1467.9							
	STD	00010	04.22	32.44	25.76	00.025	1464.5							
	085	00011	03.83	32.487	25.83		1462.9							
	085	00015	05.22	32.459	25.86		1460.4							
	085	00019	01.11	32.643	26.17		1451.4							
	STD	00020	00.89	32.70	26.22	00.046	1453.5							
	085	00022	00.47	32.754	26.33		1448.8							
	085	00026	00.41	32.801	26.33		1446.6							
	STD	00030	00.17	32.82	26.37	00.083	1447.6							
	085	00033	00.11	32.843	26.38		1447.3							
	085	00034	- 0.59	33.009	26.55		1444.4							
	STD	00050	- 0.97	33.07	26.61	00.094	1442.9							
	085	00053	- 1.03	33.080	26.62		1442.7							
	STD	00075	- 1.28	33.11	26.65	00.129	1441.9							
	085	00076	- 1.29	33.109	26.65		1441.9							
	STD	00100	- 1.42	33.14	26.68	00.164	1441.7							
	085	00102	- 1.43	33.147	26.69		1441.8							
	STD	00125	- 1.41	33.19	26.72	00.197	1442.3							
	085	00125	- 1.41	33.192	26.72		1442.3							
	STD	00150	- 1.11	33.31	26.81	00.229	1444.3							
	085	00152	- 1.07	33.327	26.82		1444.5							
	085	00175	- 0.64	33.647	27.06		1447.3							
	STD	00200	- 0.22	33.79	27.17	00.283	1449.9							
	085	00201	- 0.15	33.802	27.17		1450.1							
	085	00228	00.28	33.878	27.21		1452.8							
	085	00232	00.26	33.875	27.21		1452.7							
	STD	00250	00.90	34.09	27.35	00.324	1456.2							
	085	00251	00.94	34.106	27.35		1456.5							
	085	00277	01.60	34.223	27.40		1460.0							
	085	00281	01.65	34.282	27.45		1460.4							
	085	00285	01.99	34.359	27.48		1462.0							
	085	00285	02.03	34.362	27.48		1462.3							
	STD	00300	02.39	34.43	27.51	00.358	1464.1							
	085	00356	03.63	34.710	27.62		1470.6							
	STD	00400	03.75	34.82	27.69	00.411	1472.1							
	085	00400	03.75	34.820	27.69		1472.1							
	085	00450	04.43	34.520	27.70		1476.0							
	STD	00500	04.43	34.52	27.70	00.456	1476.8							
	085	00500	04.43	34.520	27.70		1476.8							
	085	00550	04.38	34.920	27.70		1477.4							
	STD	00600	04.30	34.92	27.71	00.502	1477.9							
	085	00600	04.30	34.920	27.71		1477.9							
	085	00600	04.10	34.910	27.73		1477.9							
	STD	00700	04.07	34.92	27.74	00.546	1478.6							
	085	00700	04.07	34.920	27.74		1478.6							
	085	00750	04.05	34.920	27.74		1475.3							
	STD	00800	03.93	34.91	27.74	00.550	1475.7							
	085	00800	03.93	34.910	27.74		1475.7							
	085	00850	03.87	34.920	27.76		1480.3							
	STD	00900	03.83	34.92	27.76	00.623	1480.9							
	085	00900	03.83	34.920	27.76		1480.9							
	085	00950	03.83	34.920	27.76		1481.8							
	STD	01000	03.74	34.92	27.77	00.676	1482.4							
	085	01000	03.79	34.920	27.77		1482.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8350	YEAR 1973	BDTOP	AIR TEMP 11.5	DIR HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1506
CONSEC 0220	MONTH 06	SHIP EV	WET BULB 11.5	00 U A	WIND-SPO 10	TRACE DIR	5 SQUARE 2
LAT 44 13.7N	DAY 25	DATA USE 1	BAROMETR 1027.8	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 12 W	HOUR 05.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 411	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	07.85	32.42	25.30									
09.3	OBS	00005	07.85	32.423	25.30	00.000	1475.0							
	OBS	00007	07.21	32.470	25.42		1475.1							
	STO	00010	06.04	32.47	25.57	00.026	1476.7							
	OBS	00011	05.38	32.466	25.65		1472.0							
	OBS	00015	03.69	32.564	25.90		1465.4							
	OBS	00019	03.16	32.653	26.01		1462.5							
	STO	00020	03.12	32.63	26.01	00.048	1460.4							
	OBS	00022	03.00	32.630	26.02		1460.2							
	OBS	00026	01.35	32.758	26.25		1455.8							
	STO	00030	00.26	32.85	26.42	00.066	1452.7							
	OBS	00030	00.15	32.908	26.43		1446.0							
	OBS	00034	- 0.20	32.980	26.51		1447.6							
	OBS	00041	- 0.26	32.980	26.51		1446.1							
	OBS	00045	- 0.26	32.985	26.52		1445.5							
	STO	00050	- 0.28	33.00	26.53	00.097	1446.0							
	OBS	00050	- 0.28	33.000	26.53		1446.0							
	STO	00075	- 0.84	33.10	26.63	00.134	1446.0							
	OBS	00075	- 0.84	33.100	26.63		1444.0							
	STO	00100	- 1.10	33.15	26.68	00.169	1443.3							
	OBS	00100	- 1.10	33.150	26.68		1443.3							
	STO	00125	- 1.20	33.20	26.72	00.202	1443.3							
	OBS	00125	- 1.20	33.200	26.72		1443.3							
	STO	00150	- 1.20	33.25	26.76	00.235	1443.8							
	OBS	00150	- 1.20	33.250	26.76		1443.8							
	OBS	00175	- 1.10	33.330	26.82		1444.6							
	STO	00200	- 1.00	33.40	26.88	00.296	1445.7							
	OBS	00200	- 1.00	33.400	26.88		1445.7							
	OBS	00225	- 0.50	33.670	27.06		1446.9							
	STO	00250	00.00	33.80	27.16	00.348	1451.8							
	OBS	00250	00.00	33.800	27.16		1451.8							
	OBS	00275	00.76	34.100	27.36		1456.0							
	STO	00300	01.46	34.22	27.41	00.388	1455.6							
	OBS	00300	01.46	34.220	27.41		1455.6							
	OBS	00350	03.36	34.700	27.65		1459.6							
	STO	00400	05.75	34.82	27.69	00.445	1472.1							
	OBS	00400	03.75	34.820	27.65		1472.1							
	OBS	00450	04.43	34.920	27.70		1476.0							
	STO	00500	04.43	34.92	27.70	00.450	1476.8							
	OBS	00500	04.43	34.920	27.70		1476.8							
	OBS	00550	04.38	34.920	27.70		1477.4							
	STO	00600	04.30	34.92	27.71	00.536	1477.5							
	OBS	00600	04.30	34.920	27.71		1477.5							
	OBS	00650	04.10	34.910	27.73		1477.9							
	STO	00700	04.07	34.92	27.74	00.581	1478.6							
	OBS	00700	04.07	34.920	27.74		1478.6							
	OBS	00750	04.05	34.920	27.74		1475.3							
	STO	00800	03.93	34.91	27.74	00.625	1475.7							
	OBS	00800	03.93	34.910	27.74		1479.7							
	OBS	00850	03.87	34.920	27.76		1480.3							
	STO	00900	03.83	34.92	27.76	00.668	1480.5							
	OBS	00900	03.83	34.920	27.76		1480.5							
	OBS	00950	03.83	34.920	27.76		1481.8							
	STO	01000	03.79	34.92	27.77	00.711	1482.4							
	OBS	01000	03.79	34.920	27.77		1482.4							

REFID 31 8355	YEAR 1973	BDTOP 00237	AIR TEMP 11.8	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1506
CONSEC 0227	MONTH 06	SHIP EV	WET BULB 11.8	00 J X	WIND-SPO 11	TRACE DIR	5 SQUARE 2
LAT 44 06 N	DAY 25	DATA USE 1	BAROMETR 1028.3	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 13.5W	HOUR 11.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 412	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	08.02	32.20	25.10									
11.3	OBS	00005	08.02	32.200	25.10	00.000	1479.4							
	OBS	00007	04.07	32.439	25.71		1475.4							
	STO	00010	03.91	32.54	25.86	00.025	1466.4							
	OBS	00011	03.46	32.590	25.95		1463.3							
	OBS	00019	03.65	32.765	26.28		1461.5							
	STO	00020	00.71	32.81	26.32	00.044	1450.6							
	OBS	00022	00.25	32.858	26.42		1449.0							
	STO	00030	- 0.11	32.96	26.49	00.061	1440.1							
	OBS	00030	- 0.13	32.967	26.49		1446.5							
	STO	00050	- 0.62	33.03	26.56	00.091	1446.4							
	OBS	00050	- 0.68	33.035	26.56		1444.5							
	STO	00075	- 0.94	33.11	26.64	00.127	1443.3							
	OBS	00075	- 0.97	33.114	26.65		1443.5							
	STO	00100	- 1.29	33.12	26.66	00.162	1443.4							
	OBS	00100	- 1.32	33.130	26.67		1442.3							
	OBS	00114	- 1.40	33.150	26.72		1442.3							
	STO	00125	- 0.97	33.32	26.81	00.194	1442.1							
	OBS	00125	- 0.95	33.327	26.82		1444.5							
	STO	00150	- 0.63	33.45	26.90	00.224	1446.6							
	OBS	00150	- 0.60	33.455	26.91		1446.7							
	OBS	00175	- 0.25	33.560	26.98		1446.9							
	STO	00200	00.47	33.81	27.14	00.276	1448.8							
	OBS	00201	00.48	33.811	27.14		1453.1							
	OBS	00235	00.48	33.811	27.14		1453.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NO. 0 C S T A T I O N D A T A

REFID 31 8550	YEAR 1973	DOTOP 03544	AIR TEMP 10.4	OIR MGT PER	WIND-OIR 27	INST STO RECORDER	TEN SQ 1306
CONSEC 0228	MONTH 06	SHIP EV	WET 8UL6 10.4	00 0 X	WIND-SPD 13	TRACE OIR	5 SQUARE 2
LAT 44 34.84	DAY 25	DATA USE 1	BAROMETR 1025.0	SEA	WIND-FDR	DURATION	2 SQUARE 48
LONG 348 57.94	MOUR 12.6	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIG 011 413	1 SQUARE 48

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	QXYG	P24	TOT P	NO2	NO3	S103	PH
12.0	STD	00000	06.43	32.30	25.35	00.030	1473.2							
	085	00003	06.43	32.297	25.39		1473.3							
	085	00007	04.51	32.440	25.72		1465.7							
	STD	00010	04.07	32.48	25.80	00.024	1463.9							
	085	00011	03.84	32.453	25.83		1463.0							
	085	00015	03.32	32.475	25.87		1460.8							
	085	00019	02.58	32.524	25.97		1457.7							
	STD	00023	02.55	32.55	25.99	00.045	1457.6							
	085	00022	02.18	32.602	26.06		1456.1							
	085	00026	01.01	32.671	26.20		1451.1							
	STD	00030	00.51	32.83	26.35	00.064	1449.1							
	085	00030	00.45	32.844	26.37		1448.9							
	085	00034	00.05	32.910	26.44		1447.4							
	085	00041	- 0.24	32.937	26.48		1446.0							
	085	00049	- 1.04	32.973	26.53		1442.5							
	STD	00053	- 1.06	32.97	26.54	00.096	1442.4							
	085	00095	- 1.17	32.976	26.54		1441.9							
	STD	00095	- 1.55	33.10	26.65	00.132	1440.5							
	085	00076	- 1.63	33.100	26.65		1440.4							
	085	00075	- 1.63	33.112	26.66		1440.4							
	STD	00100	- 1.58	33.16	26.70	00.166	1441.0							
	085	00102	- 1.57	33.170	26.71		1441.1							
	STD	00125	- 1.41	33.21	26.74	00.195	1442.3							
	085	00125	- 1.41	33.214	26.74		1442.3							
	STD	00150	- 1.21	33.31	26.82	00.231	1443.8							
	085	00152	- 1.15	33.325	26.82		1444.0							
	085	00175	- 1.01	33.425	26.90		1445.3							
	STD	00200	- 0.75	33.52	26.97	00.285	1447.1							
	085	00201	- 0.72	33.533	26.98		1447.3							
	085	00228	- 0.23	33.673	27.07		1450.2							
	STD	00253	00.10	33.83	27.17	00.338	1452.2							
	085	00251	00.13	33.837	27.18		1452.4							
	085	00277	01.10	34.145	27.37		1457.7							
	STD	00300	01.44	34.22	27.41	00.378	1459.6							
	085	00300	01.45	34.223	27.41		1455.7							
	085	00350	02.61	34.510	27.55		1460.0							
	085	00354	02.94	34.565	27.57		1467.6							
	STD	00400	03.75	34.71	27.60	00.439	1472.3							
	085	00403	03.80	34.720	27.61		1472.3							
	085	00453	04.19	34.850	27.67		1474.9							
	STD	00500	04.11	34.84	27.67	00.450	1475.4							
	085	00502	04.11	34.843	27.67		1475.4							
	085	00552	04.04	34.855	27.65		1475.5							
	STD	00600	04.06	34.90	27.72	00.536	1476.9							
	085	00601	04.06	34.854	27.72		1476.9							
	085	00651	04.08	34.507	27.73		1477.8							
	STD	00700	04.05	34.51	27.73	00.580	1478.5							
	085	00700	04.05	34.912	27.73		1478.5							
	085	00750	04.03	34.907	27.73		1475.2							
	STD	00800	04.03	34.91	27.73	00.625	1480.1							
	085	00803	04.03	34.905	27.73		1480.1							
	085	00852	04.02	34.913	27.74		1480.9							
	STD	00900	04.01	34.92	27.74	00.670	1481.7							
	085	00902	04.01	34.915	27.74		1481.7							
	085	00925	04.02	34.918	27.74		1482.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

W O D C' S T A T I O N D A T A

REFID 31 5555	YEAR 1973	80TEP 01625	AIR TEMP 10.6	DIR HGT PER	WIND-DIR 25	INST STO RECDROER	TEN SQ 1306
CDNSEC 0219	MOYTH 06	SHIF EV	WET 8ULb 10.8	00 U X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 44 33.7N	DAY 25	DATA USE 1	BAROMETR 1029.3	SEA	WIND-FDR	DURATION	2 SQUARE 48
LONG 148 45 W	HOVR 14.3	AREA 05	CLOUD 7/4	CL/TR	WEATHER A4	DRIG D11 414	1 SQUARE 48

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DXYG	P04	TOT P	NO2	NO3	SID3	PH
14.3	STS	00300	07.54	32.43	25.29	00.000	1475.3							
	DBS	00005	07.54	32.430	25.29		1475.4							
	STS	00010	07.71	32.43	25.32	00.027	1478.6							
	DBS	00011	07.69	32.430	25.32		1478.6							
	DBS	00015	07.68	32.430	25.33		1478.6							
	DBS	00019	06.23	32.300	25.42		1472.7							
	STS	00020	05.55	32.33	25.47	00.053	1471.7							
	DBS	00022	05.06	32.400	25.63		1466.2							
	DBS	00026	03.62	32.490	25.65		1462.3							
	STS	00030	02.77	32.50	25.94	00.076	1458.7							
	DBS	00030	02.65	32.510	25.95		1456.2							
	DBS	00034	01.39	32.660	26.16		1452.5							
	DBS	00038	00.76	32.730	26.26		1450.2							
	DBS	00041	00.44	32.750	26.29		1448.9							
	DBS	00045	- 0.45	32.850	26.40		1445.0							
	DBS	00049	- 1.05	32.960	26.52		1442.4							
	STS	00050	- 1.08	32.96	26.53	00.112	1442.3							
	DBS	00053	- 1.24	32.980	26.55		1441.6							
	DBS	00068	- 1.53	33.120	26.67		1440.7							
	STS	00075	- 1.52	33.12	26.67	00.146	1440.8							
	DBS	00076	- 1.52	33.120	26.67		1440.5							
	STS	00100	- 1.46	33.16	26.71	00.182	1441.6							
	DBS	00102	- 1.45	33.180	26.71		1441.7							
	STS	00125	- 1.31	33.19	26.72	00.215	1442.7							
	DBS	00125	- 1.31	33.190	26.72		1442.8							
	STS	00150	- 1.10	33.31	26.81	00.247	1444.3							
	DBS	00152	- 1.08	33.330	26.82		1444.5							
	DBS	00175	- 0.89	33.530	26.98		1446.0							
	STS	00200	- 0.19	33.80	27.17	00.300	1450.1							
	DBS	00201	- 0.13	33.820	27.18		1450.4							
	DBS	00228	00.87	34.010	27.28		1455.6							
	STS	00250	01.57	34.21	27.39	00.340	1456.4							
	DBS	00251	01.60	34.220	27.40		1455.6							
	DBS	00278	01.95	34.360	27.48		1461.5							
	STS	00300	02.66	34.55	27.61	00.371	1465.5							
	DBS	00300	02.73	34.600	27.61		1465.9							
	DBS	00304	03.11	34.640	27.61		1467.6							
	DBS	00316	03.45	34.670	27.60		1469.3							
	DBS	00319	03.45	34.680	27.61		1469.4							
	DBS	00350	04.10	34.820	27.65		1472.8							
	DBS	00354	04.07	34.820	27.66		1472.7							
	DBS	00357	03.61	34.800	27.67		1471.7							
	DBS	00377	04.13	34.850	27.66		1475.4							
	STS	00400	03.95	34.84	27.69	00.415	1475.0							
	DBS	00403	03.93	34.840	27.69		1475.0							
	DBS	00455	04.07	34.840	27.67		1474.4							
	STS	00500	04.33	34.85	27.68	00.465	1475.0							
	DBS	00502	04.33	34.850	27.69		1475.1							
	DBS	00552	04.08	34.900	27.72		1476.2							
	STS	00600	04.34	34.85	27.72	00.511	1476.8							
	DBS	00601	04.34	34.890	27.72		1476.8							
	DBS	00651	04.04	34.900	27.72		1477.6							
	STS	00700	04.02	34.94	27.73	00.555	1478.4							
	DBS	00700	04.02	34.910	27.73		1478.4							
	DBS	00750	04.30	34.910	27.74		1475.1							
	STS	00800	03.95	34.91	27.74	00.555	1475.8							
	DBS	00805	03.95	34.910	27.74		1475.8							
	DBS	00852	03.96	34.920	27.75		1480.7							
	STS	00900	03.86	34.91	27.75	00.643	1481.0							
	DBS	00902	03.86	34.910	27.75		1481.1							
	DBS	00951	03.84	34.920	27.76		1481.8							
	STS	01000	03.83	34.91	27.75	00.687	1482.6							
	DBS	01001	03.83	34.910	27.75		1482.6							
	STS	01100	03.77	34.91	27.76	00.732	1484.0							
	DBS	01100	03.77	34.910	27.76		1484.0							
	STS	01200	03.76	34.92	27.77	00.776	1485.6							
	DBS	01203	03.76	34.920	27.77		1485.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOU C S T A T I O N O A T A

REFID 51 8355 YEAR 1973 83TOP 02535 AIR TEMP 11.0 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SO 1306
CONSEC 0230 MONTH 06 SHIP EV MET BULB 10.8 UO U X WIND-SPD 13 TRACE DIR 0 5 SQUARE 2
LAT 44 03 N DAY 26 DATA USE 1 BAROMETR 1028.7 SEA WIND-FDR DURATION 2 SQUARE 48
LONG 048 33.50 HOUR 16.5 AREA 05 CLOUD 7/A CL/TR WEATHER X4 ORIG 011 415 1 SQUARE 48

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYD	P04	TOT P	NO2	NO3	S103	PH
16.5	STO	00000	07.40	32.42	25.35	00.000	1477.2							
	085	00003	07.40	32.417	25.35		1477.3							
	085	00007	05.72	32.356	25.52		1473.6							
	STO	00010	05.06	32.42	25.65	00.025	1466.1							
	085	00011	04.76	32.445	25.70		1466.5							
	085	00015	04.27	32.463	25.77		1464.8							
	085	00019	04.06	32.513	25.63		1464.1							
	STO	00020	03.80	32.45	25.84	00.046	1463.1							
	085	00022	03.27	32.484	25.88		1460.7							
	085	00026	02.71	32.562	25.95		1458.5							
	STO	00029	02.41	32.62	26.06	00.068	1457.3							
	085	00030	02.35	32.552	26.07		1457.1							
	085	00034	01.85	32.710	26.17		1455.0							
	085	00038	01.62	32.727	26.20		1454.1							
	085	00041	00.65	32.765	26.30		1449.8							
	085	00045	- 0.07	32.877	26.42		1446.8							
	STO	00050	- 0.65	32.94	26.49	00.103	1444.2							
	085	00053	- 1.01	32.980	26.54		1442.7							
	085	00072	- 1.45	33.183	26.72		1441.0							
	STO	00075	- 1.46	33.19	26.72	00.136	1441.2							
	085	00076	- 1.45	33.192	26.72		1441.3							
	STO	00100	- 1.05	33.31	26.81	00.171	1443.7							
	085	00102	- 1.02	33.330	26.82		1443.9							
	STO	00125	- 0.97	33.50	26.96	00.201	1444.8							
	085	00125	- 0.96	33.505	26.96		1444.8							
	085	00140	- 0.71	33.643	27.06		1446.5							
	STO	00150	- 0.45	33.67	27.07	00.227	1447.8							
	085	00152	- 0.36	33.676	27.08		1446.2							
	085	00175	00.46	33.502	27.22		1452.8							
	085	00182	00.78	34.000	27.28		1454.5							
	STO	00200	00.99	34.12	27.36	00.270	1455.9							
	085	00201	01.06	34.145	27.38		1456.2							
	085	00205	01.23	34.197	27.41		1457.1							
	085	00217	01.20	34.360	27.47		1461.8							
	085	00224	02.59	34.453	27.50		1465.6							
	085	00232	03.48	34.562	27.51		1467.9							
	085	00247	05.40	34.555	27.51		1467.8							
	STO	00250	02.85	34.50	27.52	00.303	1465.5							
	085	00251	02.66	34.470	27.51		1464.6							
	085	00270	02.64	34.497	27.54		1464.8							
	085	00281	03.14	34.560	27.54		1467.2							
	STO	00300	03.54	34.68	27.60	00.331	1465.4							
	085	00300	03.55	34.685	27.60		1465.5							
	085	00335	03.25	34.665	27.61		1468.9							
	085	00340	03.55	34.696	27.61		1470.2							
	085	00350	03.61	34.700	27.61		1470.6							
	STO	00400	03.72	34.80	27.67	00.380	1472.0							
	085	00403	03.73	34.800	27.68		1472.1							
	085	00453	03.64	34.832	27.69		1473.4							
	STO	00500	03.83	34.83	27.69	00.426	1474.2							
	085	00506	03.83	34.830	27.69		1474.3							
	085	00552	04.06	34.900	27.72		1476.1							
	STO	00600	04.01	34.90	27.73	00.474	1476.7							
	085	00601	04.01	34.905	27.73		1476.7							
	085	00651	04.01	34.903	27.73		1477.5							
	STO	00700	03.55	34.91	27.74	00.514	1476.1							
	085	00700	03.55	34.910	27.74		1478.1							
	085	00750	03.53	34.914	27.75		1478.8							
	STO	00800	03.88	34.91	27.75	00.557	1475.5							
	085	00803	03.88	34.912	27.75		1475.5							
	085	00852	04.03	34.904	27.73		1481.0							
	STO	00900	03.96	34.91	27.74	00.601	1481.5							
	085	00902	03.96	34.910	27.74		1481.5							
	085	00955	03.82	34.915	27.76		1481.8							
	STO	01000	03.77	34.89	27.74	00.646	1482.3							
	085	01001	03.77	34.890	27.74		1482.3							
	STO	01100	03.54	34.90	27.73	00.693	1484.7							
	085	01100	03.54	34.900	27.73		1484.7							
	STO	01200	03.60	34.90	27.75	00.740	1485.8							
	085	01203	03.60	34.902	27.75		1485.8							
	085	01256	03.78	34.911	27.76		1486.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 6355	YEAR 1973	BOATOP 02555	AIR TEMP 11.2	DIR NGT PER	WIND-OIR 25	INST STO RECORDER	TEN SQ 1306
CCNSEC 0231	MONTH 06	SHIP EV	WET BULB 11.2	00 0 A	WIND-SPD 14	TRACE OIR	5 SQUARE 2
LAT 44 03.2N	DAY 29	DATA USE 1	BAROMETR 1028.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 20.8W	HOOR 16.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 416	1 SQUARE 46

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYG	PC4	TOT P	NO2	NO3	SIO3	PH
18.3	STO	00000	06.82	32.26	25.31	00.000	1474.7							
	065	00005	06.82	32.260	25.31		1474.8							
	085	00007	04.50	32.460	25.74		1465.7							
	STO	00010	04.25	32.46	25.77	00.025	1464.7							
	085	00011	04.07	32.460	25.78		1463.9							
	085	00015	03.44	32.520	25.89		1461.4							
	STO	00020	03.20	32.54	25.97	00.046	1460.5							
	085	00022	03.05	32.610	26.00		1460.0							
	085	00026	02.84	32.630	26.03		1455.1							
	STO	00030	02.57	32.61	26.05	00.066	1457.1							
	085	00030	02.29	32.610	26.06		1456.8							
	085	00034	01.66	32.630	26.12		1454.1							
	085	00038	00.69	32.720	26.25		1445.9							
	065	00045	- 0.60	32.910	26.47		1444.1							
	065	00049	- 0.57	32.980	26.54		1442.8							
	STO	00050	- 0.58	32.98	26.54	00.101	1442.8							
	065	00053	- 1.03	33.010	26.56		1442.6							
	065	00068	- 1.18	33.190	26.72		1441.5							
	STO	00075	- 1.28	33.28	26.79	00.135	1442.2							
	085	00076	- 1.26	33.290	26.80		1442.3							
	STO	00100	- 1.07	33.46	26.93	00.165	1443.8							
	085	00102	- 1.04	33.470	26.94		1444.3							
	STO	00125	- 0.68	33.53	26.97	00.193	1446.2							
	085	00125	- 0.67	33.530	26.97		1446.2							
	085	00144	- 0.42	33.677	27.08		1447.9							
	STO	00150	- 0.20	33.76	27.13	00.216	1449.1							
	065	00152	- 0.11	33.787	27.15		1445.6							
	085	00175	00.33	33.880	27.21		1452.1							
	065	00182	00.53	33.957	27.26		1453.3							
	085	00190	01.09	34.020	27.27		1456.0							
	STO	00200	01.34	34.11	27.33	00.261	1457.4							
	085	00201	01.39	34.127	27.34		1457.7							
	085	00224	01.90	34.225	27.38		1460.5							
	085	00232	02.16	34.223	27.39		1461.7							
	STO	00250	02.11	34.33	27.45	00.296	1462.0							
	085	00251	02.11	34.340	27.46		1462.0							
	085	00277	02.20	34.367	27.47		1462.8							
	STO	00300	02.50	34.48	27.54	00.327	1464.7							
	085	00300	02.51	34.485	27.54		1464.7							
	085	00346	03.34	34.660	27.60		1469.3							
	085	00350	03.75	34.715	27.61		1471.2							
	STO	00400	03.85	34.80	27.67	00.379	1472.6							
	085	00403	03.87	34.810	27.67		1472.7							
	085	00437	04.07	34.862	27.69		1474.2							
	085	00445	04.35	34.920	27.70		1475.7							
	085	00453	04.42	34.855	27.68		1475.9							
	STO	00500	04.42	34.91	27.69	00.426	1476.7							
	085	00502	04.42	34.912	27.69		1476.8							
	085	00552	04.28	34.857	27.70		1477.0							
	STO	00600	04.20	34.90	27.71	00.472	1477.5							
	085	00601	04.20	34.903	27.71		1477.5							
	085	00643	04.32	34.907	27.70		1478.7							
	085	00651	04.40	34.920	27.70		1475.2							
	STO	00700	04.46	34.92	27.70	00.519	1480.2							
	085	00700	04.46	34.925	27.70		1480.2							
	085	00750	04.33	34.915	27.70		1480.5							
	STO	00800	04.25	34.90	27.70	00.567	1481.0							
	085	00805	04.24	34.932	27.70		1481.3							
	085	00852	04.11	34.902	27.72		1481.3							
	STO	00900	04.04	34.90	27.72	00.614	1481.8							
	065	00902	04.04	34.900	27.72		1481.8							
	085	00951	03.98	34.912	27.74		1482.4							
	STO	01000	03.80	34.92	27.76	00.659	1482.5							
	085	01001	03.80	34.918	27.76		1482.5							
	STO	01100	03.64	34.91	27.75	00.704	1484.3							
	085	01100	03.84	34.910	27.75		1484.3							
	085	01155	03.78	34.905	27.76		1485.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BDTOP 02573	AIR TEMP 11.0	DIR HGT PER	WIND-DIR 26	INST STO RECORDER	TEN SQ 1506
CONSEC 0432	MONTH 06	SHIP EV	WET GULB 11.0	00 0 X	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 44 04.4N	DAY 29	DATA USE 1	BAROMETR 1027.3	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 046 06.2W	MOUR 20.5	AREA 05	CLOUD I/A	CL/TR	WEATHER X4	DRIG 011 417	1 SQUARE 46

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PC4	TOT P	NO2	NO3	SIO3	PH
20.5	STD	00000	09.23	32.74	25.34	00.000	1484.6							
	085	00003	09.23	32.742	25.34		1484.7							
	085	00007	09.37	33.120	25.61		1485.8							
	STD	00010	09.30	33.28	25.74	00.025	1485.8							
	085	00011	09.23	33.356	25.82		1485.6							
	085	00015	08.92	33.507	25.58		1484.7							
	085	00019	10.04	33.930	26.13		1485.5							
	STD	00020	13.17	34.06	26.21	00.045	1490.1							
	085	00022	10.52	34.100	26.18		1491.5							
	085	00026	06.60	33.360	26.20		1475.7							
	STD	00030	05.25	33.62	26.58	00.061	1470.7							
	085	00030	05.13	33.640	26.61		1470.2							
	085	00034	04.79	33.600	26.61		1468.8							
	085	00038	05.20	33.575	26.66		1471.1							
	085	00041	05.81	34.138	26.92		1473.5							
	085	00045	06.05	34.180	26.92		1475.1							
	STD	00050	05.14	34.03	26.91	00.088	1471.1							
	085	00053	04.53	33.945	26.91		1468.5							
	085	00057	03.97	33.883	26.92		1466.2							
	085	00060	04.17	34.005	27.03		1467.2							
	085	00064	04.93	34.163	27.04		1470.7							
	085	00068	05.35	34.217	27.04		1472.5							
	085	00072	05.04	34.165	27.03		1471.3							
	STD	00075	05.03	34.160	27.03	00.115	1471.3							
	085	00076	05.02	34.160	27.03		1471.2							
	085	00079	04.52	34.127	27.01		1470.8							
	085	00083	05.62	34.227	27.01		1473.9							
	STD	00100	05.74	34.34	27.05	00.141	1474.4							
	085	00102	05.77	34.354	27.05		1475.0							
	085	00110	06.03	34.365	27.07		1476.3							
	085	00121	05.85	34.358	27.09		1475.6							
	STD	00125	05.87	34.36	27.05	00.166	1475.8							
	085	00125	05.88	34.365	27.05		1475.8							
	085	00129	05.94	34.446	27.16		1476.3							
	085	00133	06.32	34.574	27.20		1478.0							
	085	00144	06.45	34.570	27.18		1478.7							
	085	00148	07.13	34.707	27.19		1481.6							
	STD	00150	07.14	34.71	27.19	00.190	1481.7							
	085	00152	07.15	34.710	27.19		1481.8							
	085	00156	07.16	34.658	27.18		1481.9							
	085	00163	07.52	34.840	27.24		1483.6							
	085	00167	07.55	34.847	27.24		1483.7							
	085	00175	07.26	34.750	27.24		1482.7							
	085	00182	06.84	34.710	27.23		1481.0							
	STD	00200	06.41	34.65	27.28	00.233	1475.6							
	085	00201	06.26	34.690	27.28		1475.4							
	085	00209	06.15	34.690	27.31		1478.7							
	085	00217	05.56	34.626	27.33		1476.4							
	085	00228	05.67	34.677	27.36		1477.1							
	STD	00250	05.64	34.70	27.38	00.272	1477.3							
	085	00251	05.63	34.703	27.39		1477.3							
	085	00277	05.23	34.700	27.43		1476.1							
	085	00283	05.03	34.683	27.44		1475.4							
	STD	00300	05.13	34.71	27.45	00.308	1476.1							
	085	00300	05.14	34.710	27.45		1476.2							
	085	00350	05.31	34.848	27.54		1477.8							
	STD	00400	05.18	34.91	27.60	00.365	1476.2							
	085	00403	05.17	34.912	27.61		1476.2							
	085	00455	05.05	34.912	27.62		1478.7							
	STD	00500	04.68	34.51	27.66	00.421	1477.8							
	085	00502	04.67	34.512	27.66		1477.8							
	085	00552	04.59	34.903	27.67		1478.3							
	085	00593	04.39	34.500	27.65		1478.2							
	STD	00600	04.58	34.53	27.69	00.465	1475.1							
	085	00631	04.62	34.940	27.69		1475.3							
	STD	00700	04.75	34.95	27.69	00.518	1481.5							
	085	00700	04.75	34.950	27.69		1481.5							
	085	00727	04.54	34.930	27.69		1481.0							
	085	00750	04.57	34.940	27.70		1481.5							
	STD	00800	04.32	34.92	27.71	00.567	1481.3							
	085	00803	04.31	34.520	27.71		1481.3							
	085	00852	04.23	34.513	27.71		1481.8							
	STD	00900	04.07	34.51	27.73	00.614	1481.5							
	085	00902	04.07	34.910	27.73		1482.0							
	085	00951	04.02	34.930	27.75		1482.6							
	STD	01000	04.00	34.51	27.74	00.660	1482.3							
	085	01001	04.00	34.910	27.74		1483.3							
	STD	01100	03.52	34.93	27.76	00.706	1484.7							
	085	01100	03.52	34.930	27.76		1484.7							
	085	01195	03.78	34.506	27.76		1485.7							
	STD	01200	03.78	34.91	27.76	00.752	1485.7							
	085	01203	03.79	34.507	27.76		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOATOP 02523	AIR TEMP 11.3	DIR MGT PER	WIND-DIR 27	INST STO RECDROER	TEN SQ 1306
CONSEC 0233	MONTH 06	SHIP EV	WET BULB 11.3	00 0 X	WIND-SPO 16	TRACE DIR 0	5 SQUARE 2
LAT 44 02.8N	DAY 29	DATA USE 1	BAROMETR 1028.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 147 54.1E	MOOR 22.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 418	1 SQUARE 47

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OKYG	P04	TOT P	NO2	NO3	SIO3	PH
22.2	STO	00300	11.67	33.55	25.51	00.000	1495.2							
	OBS	00303	11.67	33.550	25.51		1495.3							
	OBS	00307	11.30	33.878	25.87		1493.7							
	STO	00010	11.22	33.67	25.56	00.025	1493.6							
	OBS	00011	11.20	34.015	26.00		1493.6							
	OBS	00315	11.38	34.185	26.08		1494.6							
	STO	00020	11.25	34.12	26.05	00.045	1494.2							
	OBS	00022	10.60	33.984	26.08		1491.8							
	OBS	00026	08.60	33.823	26.28		1484.1							
	STO	00030	08.18	33.75	26.25	00.061	1482.5							
	OBS	00033	08.01	33.742	26.31		1481.8							
	OBS	00034	05.86	33.622	26.50		1473.3							
	OBS	00036	06.60	34.152	26.86		1477.0							
	OBS	00041	06.07	34.550	26.53		1483.3							
	STO	00050	08.02	34.54	26.53	00.050	1485.2							
	OBS	00053	08.00	34.540	26.53		1483.2							
	OBS	00060	07.21	34.415	26.55		1480.1							
	OBS	00064	07.44	34.497	26.56		1481.1							
	OBS	00068	07.05	34.422	26.58		1475.5							
	OBS	00072	07.42	34.533	27.01		1481.3							
	STO	00075	07.29	34.50	27.00	00.118	1480.8							
	OBS	00076	07.25	34.493	27.01		1480.8							
	OBS	00079	07.15	34.458	27.02		1480.5							
	OBS	00087	08.00	34.702	27.06		1484.0							
	STO	00100	07.71	34.63	27.04	00.144	1483.0							
	OBS	00102	07.67	34.620	27.04		1482.8							
	OBS	00121	07.59	34.687	27.05		1482.5							
	STO	00125	06.57	34.57	27.10	00.170	1480.4							
	OBS	00129	06.35	34.480	27.11		1478.1							
	OBS	00140	06.36	34.493	27.13		1478.2							
	OBS	00148	07.24	34.703	27.17		1482.0							
	STO	00150	07.26	34.71	27.17	00.194	1482.1							
	OBS	00152	07.28	34.720	27.18		1482.3							
	OBS	00156	08.10	34.510	27.21		1485.8							
	OBS	00175	08.10	34.915	27.21		1486.1							
	OBS	00190	07.80	34.850	27.21		1485.1							
	OBS	00154	07.15	34.707	27.19		1482.4							
	STO	00200	06.96	34.71	27.22	00.235	1481.8							
	OBS	00201	06.83	34.710	27.23		1481.3							
	OBS	00209	05.56	34.563	27.23		1477.8							
	OBS	00228	05.72	34.570	27.27		1477.1							
	STO	00250	05.69	34.70	27.37	00.260	1477.5							
	OBS	00251	05.65	34.705	27.38		1477.6							
	OBS	00277	05.74	34.705	27.37		1476.2							
	STO	00300	05.48	34.70	27.41	00.317	1477.5							
	OBS	00300	05.47	34.705	27.41		1477.5							
	OBS	00342	05.51	34.850	27.52		1478.5							
	OBS	00350	06.01	34.507	27.50		1480.8							
	STO	00400	05.05	34.84	27.56	00.382	1477.8							
	OBS	00403	05.07	34.840	27.56		1477.7							
	OBS	00453	05.32	34.915	27.59		1475.7							
	OBS	00472	05.30	34.930	27.61		1479.9							
	STO	00500	05.67	34.58	27.60	00.440	1482.0							
	OBS	00502	05.69	34.680	27.60		1482.1							
	OBS	00552	05.57	34.560	27.60		1482.4							
	STO	00600	05.15	34.94	27.63	00.495	1481.5							
	OBS	00651	04.82	34.920	27.65		1480.9							
	STO	00700	04.72	34.92	27.67	00.548	1481.3							
	STO	00800	04.48	34.92	27.69	00.595	1482.0							
	OBS	00803	04.47	34.920	27.69		1482.0							
	OBS	00852	04.33	34.920	27.71		1482.2							
	STO	00900	04.40	34.92	27.70	00.649	1483.3							
	OBS	00902	04.40	34.920	27.70		1483.2							
	OBS	00951	04.17	34.910	27.72		1483.2							
	STO	01000	04.13	34.91	27.72	00.657	1483.8							
	OBS	01001	04.13	34.910	27.72		1483.9							
	STO	01100	04.14	34.92	27.75	00.746	1485.6							
	OBS	01100	04.14	34.920	27.73		1485.8							
	OBS	01165	04.02	34.930	27.75		1486.2							
	STO	01200	04.08	34.93	27.74	00.794	1487.0							
	OBS	01203	04.08	34.930	27.74		1487.0							
	OBS	01233	04.03	34.920	27.74		1487.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

M D, D C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BDTOP 00376	AIR TEMP 06.3	DIR MGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 3234	MONTH 07	SHIP EV	WET BULB 05.8	00 0 X	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 47 00.5N	DAY 01	DATA USE 1	BAROMETR 1026.0	SEA	WIND-FDR	DURATION	2 SQUARE 64
LONG 145 48.4W	MOOR 03.5	AREA 05	CLOUD T/A	CL/TR	WEATHER	DRIG 011 415	1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
03.5	STD	00000	06.80	33.19	26.05	00.000	1475.9							
085	00003	06.80	33.194	26.05			1476.0							
STD	00010	06.68	33.18	26.05	00.020		1475.6							
085	00011	06.65	33.174	26.05			1475.5							
085	00015	05.77	33.134	26.13			1471.9							
085	00019	04.84	33.255	26.33			1468.3							
STD	00020	04.82	33.28	26.36	00.038		1468.3							
085	00022	04.65	33.315	26.40			1467.7							
085	00026	04.17	33.269	26.42			1465.7							
STD	00030	03.51	33.36	26.55	00.054		1463.1							
085	00030	03.42	33.369	26.57			1462.7							
085	00038	02.07	33.544	26.82			1457.2							
085	00041	01.05	33.808	27.11			1453.1							
STD	00050	03.85	33.82	27.15	00.076		1452.4							
085	00053	03.80	33.879	27.18			1452.3							
085	00057	03.76	33.975	27.26			1452.3							
STD	00075	01.28	34.15	27.36	00.095		1455.1							
085	00076	01.30	34.153	27.37			1455.5							
085	00075	01.37	34.164	27.37			1455.6							
085	00067	01.78	34.237	27.40			1457.7							
085	00055	02.55	34.557	27.42			1461.3							
085	00055	02.52	34.320	27.41			1461.2							
STD	00100	02.42	34.32	27.41	00.117		1460.8							
085	00110	01.77	34.305	27.45			1458.1							
STD	00125	02.04	34.35	27.47	00.133		1459.2							
085	00125	02.05	34.355	27.47			1459.7							
STD	00150	02.45	34.48	27.54	00.148		1461.5							
085	00152	02.47	34.487	27.54			1462.1							
085	00175	02.80	34.570	27.58			1464.5							
STD	00200	03.00	34.57	27.57	00.175		1465.3							
085	00201	03.01	34.572	27.56			1465.4							
085	00205	03.03	34.660	27.63			1465.7							
085	00224	03.59	34.695	27.63			1467.6							
085	00226	03.54	34.715	27.63			1468.3							
085	00245	03.85	34.820	27.68			1470.0							
STD	00250	04.12	34.85	27.68	00.200		1471.3							
085	00251	04.17	34.860	27.68			1471.5							
085	00277	04.30	34.905	27.70			1472.6							
085	00285	04.53	34.855	27.69			1472.9							
085	00257	04.01	34.840	27.68			1471.6							
STD	00300	04.01	34.84	27.68	00.223		1471.6							
085	00300	04.01	34.855	27.68			1471.6							
085	00350	03.59	34.857	27.73			1472.4							
085	00361	03.56	34.865	27.72			1472.5							

REFID 31 8355	YEAR 1973	BDTOP 00252	AIR TEMP 07.6	DIR MGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 3235	MONTH 07	SHIP EV	WET BULB 06.2	00 0 X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 4
LAT 47 05 N	DAY 01	DATA USE 1	BAROMETR 1024.8	SEA	WIND-FDR	DURATION	2 SQUARE 66
LONG 146 10.5W	MOOR 05.8	AREA 05	CLOUD T/A	CL/TR	WEATHER	DRIG 011 420	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.8	STD	00000	07.00	33.15	25.97	00.000	1476.6							
085	00000	07.00	33.130	25.97			1476.6							
STD	00010	07.00	33.11	25.95	00.021		1476.7							
085	00010	07.00	33.110	25.95			1476.7							
STD	00020	06.16	33.31	26.22	00.040		1475.8							
085	00020	06.16	33.310	26.22			1475.8							
STD	00030	02.55	33.15	26.44	00.057		1460.4							
085	00030	02.55	33.150	26.44			1460.4							
STD	00050	03.42	33.73	27.08	00.083		1450.5							
085	00050	03.42	33.730	27.08			1450.3							
085	00060	00.26	33.810	27.15			1445.6							
085	00070	03.65	33.860	27.17			1451.8							
STD	00075	00.46	33.87	27.19	00.106		1451.1							
085	00075	03.46	33.870	27.19			1451.1							
STD	00100	02.98	34.25	27.37	00.126		1465.3							
085	00100	02.58	34.330	27.37			1465.3							
085	00108	03.05	34.350	27.38			1463.7							
085	00110	02.80	34.310	27.37			1462.6							
STD	00125	02.84	34.37	27.42	00.144		1463.1							
085	00125	02.84	34.370	27.42			1463.1							
STD	00150	02.58	34.40	27.46	00.160		1461.6							
085	00150	02.58	34.400	27.46			1461.6							
085	00175	03.15	34.630	27.59			1465.8							
STD	00200	03.66	34.68	27.55	00.185		1466.3							
085	00200	03.66	34.680	27.59			1466.3							
085	00225	04.02	34.810	27.65			1470.4							
STD	00250	04.12	34.85	27.68	00.213		1471.3							
085	00250	04.12	34.850	27.68			1471.3							
085	00285	04.04	34.880	27.71			1471.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0355 YEAR 1973 BOTDP 03285 AIR TEMP 38.3 DIR HGT PER WIND-DIR 24 INST STD RECORDER TEN SQ 1306
CONSEC 0257 MONTH 07 SHIP EV WET BULB 08.3 24 4 1 WIND-SPD 15 TRACE DIR 0 5 SQUARE 4
LAT 40 57.6N DAY 01 DATA USE 1 BAROMETER 1021.6 SEA WIND-FOR DURATION 2 SQUARE 66
LONG 040 29.7W HOUR 05.3 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG 011 421 1 SQUARE 66

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S103	PM
09.3	STO	00000	07.29	32.85	25.70	00.000	1477.3							
	OBS	00003	07.25	32.834	25.70		1477.4							
	STO	00010	06.59	32.64	25.74	00.025	1476.3							
	OBS	00011	06.52	32.843	25.75		1476.1							
	STO	00020	06.55	32.90	25.85	00.045	1474.8							
	OBS	00022	06.42	32.940	25.90		1474.4							
	STO	00030	06.08	33.11	26.07	00.066	1473.4							
	OBS	00033	06.04	33.117	26.08		1473.2							
	OBS	00041	04.82	33.221	26.31		1468.6							
	OBS	00043	03.65	33.056	26.33		1463.7							
	OBS	00045	01.35	33.098	26.50		1454.5							
	STO	00050	01.46	33.11	26.52	00.100	1454.1							
	OBS	00053	03.94	33.228	26.65		1452.0							
	OBS	00057	00.46	33.435	26.85		1450.2							
	STO	00064	00.51	33.456	26.89		1450.6							
	STO	00075	01.02	33.66	26.99	00.133	1453.4							
	STO	00076	01.07	33.673	27.00		1452.6							
	OBS	00081	01.15	33.613	27.10		1454.5							
	OBS	00085	00.41	33.864	27.18		1452.1							
	STO	00100	00.74	33.90	27.20	00.157	1452.8							
	OBS	00102	01.12	33.977	27.24		1454.6							
	OBS	00106	01.63	34.019	27.24		1457.0							
	OBS	00110	01.81	34.027	27.23		1457.5							
	OBS	00114	01.73	34.380	27.28		1457.7							
	OBS	00116	01.87	34.135	27.31		1458.4							
	OBS	00121	01.25	34.113	27.34		1455.9							
	STO	00125	01.35	34.12	27.35	00.176	1456.2							
	OBS	00125	01.38	34.117	27.35		1456.4							
	OBS	00125	01.75	34.200	27.37		1456.2							
	OBS	00133	02.45	34.304	27.40		1461.6							
	OBS	00140	03.21	34.400	27.41		1465.0							
	OBS	00144	03.35	34.433	27.42		1465.7							
	OBS	00148	03.66	34.505	27.45		1467.2							
	STO	00150	03.68	34.51	27.45	00.195	1467.3							
	OBS	00152	03.71	34.506	27.45		1467.5							
	OBS	00175	03.96	34.570	27.47		1469.0							
	STO	00200	04.15	34.69	27.54	00.226	1470.4							
	OBS	00201	04.16	34.652	27.55		1470.4							
	OBS	00228	04.25	34.764	27.55		1471.3							
	STO	00250	04.19	34.83	27.65	00.252	1471.5							
	OBS	00251	04.18	34.830	27.65		1471.5							

REFID 31 0355 YEAR 1973 BOTDP 01070 AIR TEMP 36.9 DIR HGT PER WIND-DIR 24 INST STD RECORDER TEN SQ 1306
CONSEC 0257 MONTH 07 SHIP EV WET BULB 08.3 25 0 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
LAT 47 00 N DAY 01 DATA USE 1 BAROMETER 1021.6 SEA WIND-FOR DURATION 2 SQUARE 66
LONG 040 41.1W HOUR 10.8 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG 011 422 1 SQUARE 76

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TGT P	NO2	NO3	S103	PM
10.8	STO	00000	06.70	33.38	25.97	00.000	1475.3							
	OBS	00000	06.70	33.080	25.97		1475.3							
	STO	00010	06.60	33.14	26.03	00.020	1475.2							
	OBS	00010	06.60	33.140	26.03		1475.2							
	STO	00020	04.45	33.20	26.35	00.034	1466.7							
	OBS	00020	04.45	33.200	26.35		1466.7							
	STO	00030	01.55	33.46	26.77	00.054	1456.4							
	OBS	00030	01.55	33.460	26.77		1456.4							
	STO	00050	00.55	33.85	27.17	00.076	1451.0							
	OBS	00050	00.55	33.850	27.17		1451.0							
	STO	00075	01.20	34.10	27.35	00.096	1454.7							
	OBS	00075	01.20	34.100	27.35		1454.7							
	STO	00100	01.50	34.31	27.48	00.113	1456.8							
	OBS	00100	01.50	34.310	27.48		1456.8							
	STO	00125	02.46	34.45	27.51	00.128	1461.7							
	OBS	00125	02.48	34.450	27.51		1461.7							
	STO	00150	03.27	34.71	27.65	00.142	1465.8							
	OBS	00150	03.27	34.710	27.65		1465.8							
	STO	00200	03.76	34.75	27.63	00.165	1468.8							
	OBS	00200	03.76	34.750	27.63		1468.8							
	STO	00250	03.62	34.75	27.65	00.189	1469.0							
	OBS	00250	03.62	34.750	27.65		1469.0							
	STO	00300	03.73	34.79	27.67	00.213	1470.4							
	OBS	00300	03.73	34.790	27.67		1470.4							
	STO	00400	03.93	34.87	27.71	00.257	1473.0							
	OBS	00400	03.93	34.870	27.71		1473.0							
	STO	00500	03.93	34.88	27.72	00.500	1474.5							
	OBS	00500	03.93	34.880	27.72		1474.5							
	STO	00600	03.83	34.88	27.73	00.345	1475.9							
	OBS	00600	03.83	34.880	27.73		1475.9							
	STO	00700	03.81	34.89	27.74	00.387	1477.5							
	OBS	00700	03.81	34.890	27.74		1477.5							
	STO	00800	03.74	34.89	27.75	00.430	1478.8							
	OBS	00800	03.74	34.890	27.75		1478.8							
	STO	00900	03.73	34.85	27.75	00.475	1460.5							
	OBS	00900	03.73	34.850	27.75		1460.5							
	STO	01000	03.68	34.89	27.75	00.517	1481.9							
	OBS	01000	03.68	34.890	27.75		1481.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 3. 6535	YEAR 1973	DOTOP 01141	AIR TEMP 06.6	DIR HGT PER	WIND-JIR 27	INST STD RECORDER	TEN SW 1306
CONSEC 0236	MONTH 07	SHIP EV	WET BULB 08.0	25 0 2	WIND-SPD 14	TRACE DIR 0	5 SQUARE 4
LAT 47 01.5N	DAY 01	DATA USE 1	BAROMETER 1021.6	SEA	WIND-FDR	DURATION	2 SQUARE 66
LONG 346 57.0W	HOOR 13.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 423	1 SQUARE 76

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNU VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
13.1	STO	00000	05.29	32.79	25.91	00.000	1465.3							
	085	00003	05.24	32.785	25.91		1465.3							
	STO	00010	05.24	32.83	25.95	00.021	1465.3							
	085	00011	05.23	32.842	25.96		1465.3							
	085	00018	04.73	32.777	25.97		1467.2							
	STO	00025	04.94	32.62	26.02	00.041	1464.5							
	085	00026	04.31	32.450	26.07		1465.6							
	STO	00030	03.37	32.55	26.22	00.060	1461.9							
	085	00030	03.24	32.938	26.24		1461.3							
	085	00034	02.03	33.021	26.41		1456.2							
	085	00038	01.17	33.204	26.61		1452.7							
	085	00041	00.87	33.253	26.67		1451.5							
	085	00049	- 0.42	33.305	26.78		1445.8							
	085	00049	- 1.03	33.536	26.99		1443.3							
	STO	00050	- 1.03	33.54	26.99	00.089	1443.3							
	085	00053	- 1.00	33.585	27.03		1443.6							
	STO	00075	- 0.20	33.83	27.15	00.113	1448.0							
	085	00076	- 0.15	33.835	27.20		1446.1							
	085	00083	- 0.21	33.845	27.21		1448.1							
	STO	00100	00.71	34.12	27.38	00.133	1453.0							
	085	00102	00.91	34.140	27.38		1453.9							
	085	00106	01.20	34.153	27.37		1455.3							
	STO	00125	01.21	34.21	27.42	00.150	1455.7							
	085	00125	01.21	34.217	27.42		1455.8							
	085	00140	01.50	34.354	27.48		1459.3							
	STO	00150	01.59	34.36	27.48	00.167	1459.8							
	085	00152	02.02	34.360	27.48		1460.0							
	085	00173	02.30	34.500	27.57		1461.8							
	STO	00200	02.67	34.56	27.59	00.195	1463.9							
	085	00201	02.69	34.571	27.59		1464.0							
	085	00213	02.83	34.615	27.62		1464.9							
	085	00217	03.07	34.680	27.65		1466.0							
	085	00228	03.15	34.685	27.64		1466.6							
	STO	00250	03.34	34.71	27.64	00.220	1467.8							
	085	00251	03.35	34.708	27.64		1467.8							
	085	00277	03.68	34.810	27.69		1469.8							
	STO	00300	03.61	34.84	27.69	00.240	1469.9							
	085	00300	03.61	34.808	27.70		1469.9							
	085	00350	03.79	34.850	27.71		1471.5							
	STO	00400	03.74	34.85	27.71	00.286	1472.2							
	085	00435	03.74	34.850	27.72		1472.2							
	085	00460	03.67	34.850	27.70		1473.7							
	STO	00500	03.73	34.85	27.72	00.329	1473.8							
	085	00502	03.73	34.850	27.72		1473.8							
	085	00552	03.64	34.920	27.75		1475.6							
	STO	00600	03.63	34.91	27.75	00.371	1475.9							
	085	00601	03.63	34.907	27.75		1475.9							
	085	00651	03.75	34.910	27.76		1476.4							
	STO	00700	03.76	34.91	27.76	00.412	1477.3							
	085	00700	03.76	34.907	27.76		1477.5							
	085	00750	03.72	34.910	27.77		1478.0							
	STO	00800	03.65	34.91	27.77	00.454	1478.7							
	085	00803	03.69	34.910	27.77		1478.7							
	085	00852	03.64	34.905	27.77		1479.3							
	STO	00900	03.65	34.91	27.78	00.495	1480.2							
	085	00902	03.65	34.915	27.78		1480.2							
	085	00951	03.65	34.927	27.79		1481.0							
	STO	01000	03.62	34.90	27.77	00.537	1481.7							
	085	01001	03.62	34.958	27.77		1481.7							
	085	01008	03.64	34.908	27.77		1481.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N O A T A														
REFID 31 0255	YEAR 1973	BOATOP 00732	AIR TEMP 09.7	DIR HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SQ 1306							
CONSEC 0223	MONTH 07	SHIP EV	WET BULB 06.5	24 2 0	WIND-SPO 16	TRACE DIR 0	5 SQUARE 4							
LAT 40 59.5N	DAY 31	DATA USE 1	BAROMETER 1021.5	SEA	WIND-FOR	DURATION	2 SQUARE 66							
LONG 047 11.1W	MOUR 16.1	AREA 05	CLOUD T/A	CL/TR	WEATHER 41	ORIG 011 424	1 SQUARE 67							
LASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	MO2	MO3	SIO3	PH
16.1	STD	00000	05.17	32.50	25.70	00.000	1468.4							
	085	00003	05.17	32.500	25.70		1468.4							
	STD	00010	05.10	32.50	25.71	00.023	1466.3							
	085	00011	05.07	32.500	25.71		1468.2							
	085	00015	04.95	32.500	25.72		1467.7							
	085	00019	04.57	32.470	25.74		1466.2							
	STD	00020	04.54	32.470	25.76	00.040	1468.1							
	085	00022	04.11	32.520	25.83		1464.4							
	085	00026	02.67	32.500	25.94		1456.2							
	STD	00030	03.94	32.75	26.25	00.066	1450.9							
	085	00030	00.74	32.760	26.28		1450.1							
	085	00034	- 0.41	32.930	26.45		1445.0							
	085	00038	- 1.10	33.180	26.70		1442.3							
	STD	00039	- 1.31	33.21	26.75	00.097	1441.5							
	085	00053	- 1.34	33.220	26.74		1441.5							
	STD	00075	- 1.15	33.37	26.66	00.128	1442.9							
	085	00076	- 1.14	33.380	26.67		1443.0							
	STD	00100	- 0.88	33.60	27.05	00.156	1444.9							
	085	00102	- 0.83	33.620	27.05		1445.2							
	STD	00125	- 0.36	33.81	27.16	00.180	1448.0							
	085	00125	- 0.35	33.810	27.18		1446.1							
	STD	00140	00.04	33.888	27.25		1450.4							
	085	00150	00.05	33.85	27.25	00.202	1450.4							
	085	00152	00.06	33.865	27.26		1450.5							
	085	00175	00.05	34.057	27.53		1453.7							
	STD	00200	01.54	34.21	27.41	00.240	1457.5							
	085	00201	01.58	34.225	27.42		1457.8							
	085	00228	01.87	34.360	27.45		1460.6							
	STD	00250	02.09	34.43	27.53	00.272	1462.0							
	085	00251	02.11	34.450	27.53		1462.1							
	085	00277	02.47	34.545	27.55		1464.3							
	STD	00300	02.61	34.56	27.59	00.299	1465.3							
	085	00300	02.62	34.560	27.59		1465.3							
	085	00327	02.84	34.653	27.64		1466.8							
	085	00342	03.10	34.650	27.65		1468.3							
	085	00350	03.23	34.710	27.65		1469.0							
STD	00400	03.58	34.83	27.71	00.347	1471.4								
085	00403	03.63	34.850	27.71		1471.6								
085	00453	03.75	34.845	27.71		1473.1								
STD	00500	03.73	34.85	27.75	00.385	1473.8								
085	00510	03.72	34.850	27.75		1473.9								
085	00552	03.70	34.883	27.75		1474.5								
STD	00600	03.71	34.90	27.76	00.425	1475.4								
085	00601	03.71	34.898	27.76		1475.4								
085	00651	03.71	34.902	27.76		1476.5								
STD	00700	03.71	34.90	27.76	00.470	1477.1								
085	00700	03.71	34.900	27.76		1477.1								
085	00727	03.72	34.896	27.75		1477.6								

REFID 31 0300	YEAR 1973	BOATOP 00301	AIR TEMP 10.5	DIR HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306							
CONSEC 0243	MONTH 07	SHIP EV	WET BULB 09.7	00 0 X	WIND-SPO 13	TRACE DIR 0	5 SQUARE 4							
LAT 40 59.5N	DAY 31	DATA USE 1	BAROMETER 1021.5	SEA	WIND-FOR	DURATION	2 SQUARE 66							
LONG 047 18.7W	MOUR 17.1	AREA 35	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 425	1 SQUARE 67							
LASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	MO2	MO3	SIO3	PH
17.1	STD	00000	05.50	32.50	25.66	00.030	1469.7							
	085	00003	05.50	32.502	25.66		1469.8							
	085	00007	05.43	32.500	25.66		1469.8							
	STD	00010	05.32	32.50	25.68	00.023	1469.2							
	085	00011	05.22	32.505	25.70		1468.8							
	STD	00020	04.64	32.54	25.79	00.040	1466.5							
	085	00022	04.23	32.546	25.84		1464.5							
	085	00026	03.51	32.711	26.04		1462.1							
	STD	00030	03.05	32.77	26.13	00.067	1460.5							
	085	00030	03.03	32.780	26.14		1460.1							
	085	00034	02.10	32.805	26.23		1456.3							
	085	00038	03.85	33.050	26.51		1451.1							
	085	00041	03.62	33.045	26.52		1450.1							
	085	00043	- 0.23	33.152	26.65		1446.4							
	085	00045	- 0.79	33.302	26.75		1444.1							
	STD	00050	- 0.84	33.50	26.83	00.098	1443.9							
	085	00053	- 1.07	33.324	26.82		1442.5							
	085	00057	- 1.12	33.354	26.85		1442.8							
	STD	00075	- 0.59	33.47	26.93	00.128	1443.8							
	085	00076	- 0.98	33.472	26.94		1443.9							
	STD	00100	- 0.85	33.63	27.05	00.155	1445.1							
	085	00102	- 0.80	33.642	27.07		1445.4							
	085	00121	- 0.28	33.751	27.13		1448.3							
	STD	00125	- 0.30	33.75	27.17	00.175	1448.3							
	085	00125	- 0.30	33.756	27.17		1448.3							
	STD	00150	00.18	33.87	27.20	00.201	1451.0							
	085	00152	00.23	33.883	27.21		1451.3							
	085	00175	00.76	34.126	27.38		1454.5							
	STD	00200	01.53	34.25	27.43	00.235	1458.5							
	085	00201	01.55	34.260	27.43		1458.6							
	085	00205	01.58	34.284	27.45		1458.9							
	085	00228	01.98	34.370	27.45		1461.1							
	STD	00250	02.01	34.35	27.47	00.272	1461.5							
	085	00251	02.01	34.346	27.47		1461.6							
	085	00277	02.04	34.354	27.47		1462.1							
	085	00293	02.05	34.358	27.48		1462.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOO L STATION UATA

REF ID 31 6355 YEAR 1973 BOTOP 00175 AIR TEMP 05.2 OIR MGT PER WIND-DIR 28 INST STO RECORDER TEN SC 1206
CONSEC 0241 MONTH 07 SHIP EV WET BULB 07.6 03 0 A WIND-SPO 16 TRACE DIR 0 5 SQUARE 4
LAT 46 58.3N DAY 01 DATA USE 1 BAROMETR 1022.0 SEA WIND-FOR DURATION 2 SQUARE 66
LONG 047 42.5W HOUR 19.8 AREA 05 CLOUD T/A CL/TR WEATHER X1 DRIG 011 426 1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
19.8	STD	00000	04.92	32.29	25.56	00.000	1467.1							
	OBS	00003	04.52	32.291	25.56		1467.1							
	STD	00010	04.92	32.30	25.57	00.024	1467.2							
	OBS	00011	04.78	32.307	25.59		1466.7							
	OBS	00015	04.16	32.316	25.66		1464.2							
	STD	00020	03.80	32.41	25.77	00.048	1462.9							
	OBS	00022	03.40	32.425	25.82		1461.2							
	OBS	00026	02.62	32.380	25.86		1457.8							
	STD	00030	01.20	32.48	26.03	00.069	1451.7							
	OBS	00030	01.01	32.491	26.05		1450.9							
	OBS	00034	- 0.23	32.600	26.20		1445.5							
	OBS	00038	- 1.32	32.916	26.50		1440.6							
	OBS	00046	- 1.61	33.100	26.65		1440.0							
	STD	00050	- 1.60	33.10	26.65	00.102	1440.0							
	OBS	00053	- 1.57	33.104	26.66		1440.2							
	STD	00075	- 1.35	33.26	26.78	00.130	1441.8							
	OBS	00076	- 1.34	33.268	26.78		1441.9							
	STD	00100	- 1.07	33.43	26.90	00.166	1443.8							
	OBS	00102	- 1.03	33.453	26.92		1444.1							
	STD	00125	- 0.60	33.67	27.08	00.193	1446.8							
	OBS	00125	- 0.59	33.676	27.09		1446.8							
	STD	00150	- 0.48	33.67	27.08	00.217	1447.7							
	OBS	00152	- 0.47	33.673	27.08		1447.8							
	OBS	00155	- 0.46	33.674	27.08		1448.0							

REF ID 31 6355 YEAR 1973 BOTOP 00101 AIR TEMP 06.8 OIR MGT PER WIND-DIR 25 INST STO RECORDER TEN SC 1206
CONSEC 0242 MONTH 07 SHIP EV WET BULB 08.0 08 1 2 WIND-SPO 18 TRACE DIR 0 5 SQUARE 4
LAT 46 58.8N DAY 01 DATA USE 1 BAROMETR 1022.0 SEA WIND-FOR DURATION 2 SQUARE 68
LONG 048 05.5W HOUR 22.3 AREA 05 CLOUD T/A CL/TR WEATHER A1 DRIG 011 427 1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
22.3	STD	00000	05.52	32.15	25.39	00.000	1469.4							
	OBS	00003	05.52	32.154	25.39		1469.4							
	STD	00010	05.50	32.16	25.39	00.026	1469.5							
	OBS	00011	05.50	32.158	25.39		1469.5							
	OBS	00015	04.95	32.134	25.44		1467.1							
	STD	00020	04.50	32.14	25.50	00.051	1465.5							
	OBS	00022	04.24	32.162	25.55		1464.4							
	STD	00030	03.56	32.28	25.71	00.075	1461.0							
	OBS	00030	03.51	32.290	25.72		1460.8							
	OBS	00034	02.52	32.356	25.81		1459.2							
	OBS	00038	02.35	32.348	25.85		1456.8							
	OBS	00045	- 0.85	32.615	26.24		1442.0							
	OBS	00049	- 1.38	32.837	26.43		1440.7							
	STD	00050	- 1.40	32.84	26.44	00.114	1440.6							
	OBS	00053	- 1.52	32.876	26.47		1440.1							
	OBS	00064	- 1.60	32.986	26.56		1440.1							
	STD	00075	- 1.59	33.00	26.57	00.153	1440.3							
	OBS	00076	- 1.56	32.995	26.57		1440.4							
	STD	00100	- 1.51	33.13	26.68	00.188	1441.3							
	OBS	00102	- 1.48	33.147	26.69		1441.5							
	OBS	00110	- 1.39	33.184	26.72		1442.1							

REF ID 31 6355 YEAR 1973 BOTOP 00104 AIR TEMP 05.0 OIR MGT PER WIND-DIR 24 INST STO RECORDER TEN SC 1206
CONSEC 0243 MONTH 07 SHIP EV WET BULB 08.1 24 4 1 WIND-SPO 15 TRACE DIR 0 5 SQUARE 4
LAT 47 00.0N DAY 02 DATA USE 1 BAROMETR 1022.6 SEA WIND-FOR DURATION 2 SQUARE 68
LONG 044 36.5W HOUR 02.0 AREA 05 CLOUD T/A CL/TR WEATHER A1 DRIG 011 428 1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
02.0	STD	00000	05.62	31.94	25.21	00.000	1469.5							
	OBS	00003	05.62	31.940	25.21		1469.5							
	OBS	00007	05.57	31.940	25.21		1469.4							
	STD	00010	05.52	31.94	25.28	00.027	1467.2							
	OBS	00011	04.77	31.647	25.31		1466.2							
	OBS	00015	04.28	31.968	25.37		1464.3							
	STD	00020	04.23	31.98	25.35	00.054	1464.1							
	OBS	00022	03.75	32.008	25.46		1462.1							
	OBS	00026	02.26	32.176	25.72		1456.0							
	STD	00030	01.24	32.31	25.89	00.078	1451.9							
	OBS	00030	01.15	32.325	25.91		1451.3							
	OBS	00034	00.16	32.524	26.12		1447.2							
	OBS	00041	- 1.01	32.722	26.33		1442.1							
	STD	00050	- 1.36	32.88	26.47	00.114	1440.7							
	OBS	00053	- 1.47	32.623	26.51		1440.4							
	OBS	00060	- 1.53	32.984	26.56		1440.4							
	STD	00075	- 1.52	32.58	26.56	00.153	1440.6							
	OBS	00076	- 1.52	32.985	26.56		1440.7							
	OBS	00087	- 1.52	32.962	26.56		1440.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTOP 00063	AIR TEMP 08.0	DIR MGT PER 27 0 2	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0244	MONTH 07	SHIP EV	WET BULB 07.8	SEA 27 0 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 4
LAT 47 01.04	DAY 02	DATA USE 1	BAROMETER 1022.8	CL/TR	WIND-FOR	DURATION	2 SQUARE 68
LONG 045 10.14	MOJR 04.2	AREA 05	CLOUD T/A		WEATHER A1	ORIG 011 429	1 SQUARE 79

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	\$103	PM
	STD	00000	05.68	31.82	25.10	00.000	1469.6							
04.2	085	00003	05.68	31.816	25.10		1469.6							
	085	00007	05.64	31.819	25.10		1469.7							
	STD	00010	05.58	31.75	25.09	00.025	1465.3							
	085	00011	05.46	31.787	25.10		1468.8							
	085	00015	04.86	31.827	25.20		1466.5							
	STD	00020	05.51	32.02	25.45	00.056	1462.8							
	085	00022	05.22	32.105	25.58		1460.0							
	085	00026	02.14	32.174	25.72		1455.4							
	STD	00030	01.47	32.25	25.85	00.075	1452.6							
	085	00030	01.56	32.254	25.84		1452.2							
	085	00034	00.37	32.295	25.93		1447.8							
	085	00038	- 0.81	32.576	26.21		1442.8							
	085	00041	- 1.51	32.782	26.35		1440.8							
	STD	00050	- 1.40	32.84	26.43	00.117	1440.6							
	085	00053	- 1.43	32.845	26.45		1440.5							
	085	00072	- 1.47	32.840	26.44		1440.6							

REFID 31 8355	YEAR 1973	BOTOP 00073	AIR TEMP 08.0	DIR MGT PER 27 0 2	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0245	MONTH 07	SHIP EV	WET BULB 08.0	SEA 27 0 2	WIND-SPO 14	TRACE DIR 0	5 SQUARE 4
LAT 46 10.54	DAY 02	DATA USE 1	BAROMETER 1024.5	CL/TR	WIND-FOR	DURATION	2 SQUARE 68
LONG 048 44.44	MOJR 05.1	AREA 05	CLOUD T/A		WEATHER A4	ORIG 011 430	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	\$103	PM
	STD	00000	07.02	32.18	25.22	00.000	1475.4							
05.1	085	00003	07.01	32.180	25.22		1475.5							
	085	00007	07.02	32.176	25.22		1475.5							
	STD	00010	06.36	32.18	25.30	00.027	1473.0							
	085	00011	05.52	32.176	25.36		1471.2							
	085	00015	04.51	32.276	25.59		1465.6							
	085	00019	04.05	32.300	25.66		1463.7							
	STD	00020	04.01	32.30	25.66	00.052	1463.6							
	085	00022	03.50	32.267	25.66		1463.2							
	085	00026	02.22	32.386	25.85		1456.1							
	STD	00030	01.18	32.46	26.02	00.074	1451.6							
	085	00030	01.05	32.473	26.04		1451.1							
	085	00034	00.20	32.548	26.14		1447.4							
	085	00038	- 0.54	32.787	26.38		1442.5							
	085	00041	- 1.26	32.856	26.48		1441.2							
	STD	00050	- 1.56	32.97	26.54	00.105	1440.9							
	085	00053	- 1.59	32.983	26.55		1440.9							
	085	00064	- 1.42	32.985	26.56		1440.9							

REFID 31 8355	YEAR 1973	BOTOP 00096	AIR TEMP 06.0	DIR MGT PER 28 0 2	WIND-DIR 28	INST STD RECORDER	TEN SQ 1306
CONSEC 0246	MONTH 07	SHIP EV	WET BULB 08.0	SEA 28 0 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 4
LAT 46 00.4	DAY 02	DATA USE 1	BAROMETER 1025.8	CL/TR	WIND-FOR	DURATION	2 SQUARE 68
LONG 048 23.54	MOJR 11.3	AREA 05	CLOUD T/A		WEATHER A4	ORIG 011 431	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	\$103	PM
	STD	00000	06.25	32.18	25.31	00.000	1472.5							
11.3	085	00003	06.29	32.180	25.31		1472.6							
	STD	00010	06.23	32.18	25.32	00.027	1472.4							
	085	00011	06.22	32.167	25.31		1472.4							
	085	00015	04.80	32.132	25.45		1466.6							
	085	00019	03.27	32.380	25.80		1460.5							
	STD	00020	03.04	32.40	25.83	00.051	1459.6							
	085	00022	02.59	32.456	25.91		1457.7							
	085	00026	02.40	32.506	25.97		1457.0							
	STD	00030	01.50	32.52	26.04	00.072	1453.1							
	085	00030	01.35	32.530	26.06		1452.5							
	085	00034	00.05	32.678	26.25		1446.5							
	085	00038	- 0.52	32.823	26.39		1445.4							
	085	00041	- 1.00	32.904	26.48		1442.4							
	085	00045	- 1.35	33.015	26.58		1441.0							
	STD	00050	- 1.51	33.06	26.62	00.106	1440.4							
	085	00053	- 1.60	33.092	26.65		1440.1							
	STD	00075	- 1.52	33.15	26.70	00.140	1440.9							
	085	00076	- 1.52	33.157	26.70		1440.9							
	085	00067	- 1.52	33.175	26.71		1441.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOCC STATION DATA

REFID 31 3355	YEAR 1973	BOTOP 00192	AIR TEMP 08.1	DIR HGT PER	WIND-DIR 24	INST STO RECORDER	TEN 50 1306
CONSEC 0247	MONTH 07	SHIP EV	WET BULB 08.1	05 0 2	WIND-SPD 14	TRACE DIR 0	5 SQUARE 4
LAT 45 48.5N	DAY 02	DATA USE 1	BAROMETER 1025.8	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 09.5W	MOJR 12.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 432	1 SQUARE 58

CASNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P ²	NO2	NO3	SIO3	PH
	STD	00000	05.21	32.28	25.53									
12.4	CBS	00003	05.21	32.285	25.53	00.000	1468.3							
	OBS	00007	05.15	32.275	25.52		1468.3							
	STD	00010	04.55	32.18	25.52	00.025	1465.5							
	OBS	00011	04.24	32.160	25.53		1464.2							
	CBS	00015	03.65	32.224	25.64		1461.9							
	OBS	00019	02.68	32.324	25.79		1458.8							
	STD	00020	02.74	32.36	25.84	00.048	1458.2							
	OBS	00022	02.43	32.516	25.58		1457.1							
	OBS	00026	02.25	32.625	26.08		1456.6							
	STD	00030	01.18	32.74	26.24	00.068	1452.0							
	OBS	00030	01.03	32.760	26.27		1451.4							
	OBS	00038	- 1.08	33.014	26.57		1442.1							
	OBS	00041	- 1.33	33.162	26.70		1441.2							
	OBS	00045	- 1.46	33.206	26.74		1440.8							
	STD	00050	- 1.46	33.21	26.74	00.059	1440.9							
	OBS	00053	- 1.43	33.247	26.77		1441.1							
	STD	00075	- 1.23	33.45	26.93	00.125	1442.7							
	OBS	00076	- 1.22	33.460	26.93		1442.7							
	STD	00100	- 0.92	33.53	26.98	00.157	1444.6							
	OBS	00102	- 0.68	33.542	26.65		1444.9							
	STD	00125	- 0.52	33.70	27.10	00.182	1447.2							
	OBS	00125	- 0.51	33.701	27.10		1447.2							
	OBS	00148	- 0.46	33.785	27.17		1447.9							
	STD	00150	- 0.42	33.75	27.17	00.206	1448.1							
	OBS	00152	- 0.37	33.792	27.17		1448.4							
	OBS	00167	- 0.33	33.794	27.17		1448.9							

REFID 31 8355	YEAR 1973	BOTOP 00052	AIR TEMP 08.5	DIR HGT PER	WIND-DIR 25	INST STO RECORDER	TEN 50 1306
CONSEC 0246	MONTH 07	SHIP EV	WET BULB 08.2	00 0 X	WIND-SPD 12	TRACE DIR 0	5 SQUARE 4
LAT 45 42.3N	DAY 02	DATA USE 1	BAROMETER 1015.9	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 59.7W	MOJR 13.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 433	1 SQUARE 57

CASNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P ²	NO2	NO3	SIO3	PH
	STD	00000	05.74	32.50	25.64	00.000	1470.7							
13.8	OBS	00003	05.74	32.504	25.64		1470.8							
	STD	00010	05.61	32.50	25.65	00.024	1470.3							
	OBS	00011	05.58	32.500	25.65		1470.3							
	OBS	00016	05.47	32.534	25.69		1470.0							
	STD	00020	05.35	32.55	25.71	00.047	1465.7							
	OBS	00022	05.07	32.637	25.82		1468.5							
	OBS	00026	04.43	32.845	26.08		1466.2							
	STD	00030	04.19	32.95	26.16	00.068	1465.4							
	OBS	00030	04.16	32.956	26.17		1465.3							
	CBS	00038	03.83	32.577	26.22		1464.0							
	OBS	00045	03.04	33.013	26.32		1460.7							
	OBS	00049	02.20	33.355	26.42		1457.3							
	STD	00050	02.08	33.07	26.45	00.102	1456.8							
	OBS	00053	01.15	33.177	26.56		1455.0							
	OBS	00057	00.03	33.253	26.72		1447.9							
	OBS	00060	- 0.66	33.353	26.83		1445.0							
	OBS	00068	- 1.07	33.438	26.91		1443.3							
	OBS	00072	- 1.13	33.483	26.95		1443.1							
	STD	00075	- 1.05	33.50	26.96	00.136	1443.4							
	OBS	00076	- 1.07	33.510	26.97		1443.5							
	STD	00100	- 0.71	33.65	27.07	00.162	1445.8							
	OBS	00102	- 0.65	33.666	27.08		1446.1							
	STD	00125	- 0.09	33.88	27.23	00.185	1445.4							
	OBS	00125	- 0.07	33.890	27.24		1445.5							
	OBS	00148	00.57	34.060	27.34		1453.0							
	STD	00150	00.75	34.10	27.36	00.205	1453.7							
	OBS	00152	00.65	34.140	27.39		1454.5							
	OBS	00156	00.95	34.190	27.42		1455.1							
	OBS	00155	01.30	34.220	27.42		1456.7							
	OBS	00175	01.76	34.352	27.49		1455.2							
	STD	00200	02.08	34.35	27.50	00.238	1461.1							
	OBS	00201	02.10	34.353	27.50		1461.2							
	OBS	00226	02.44	34.537	27.59		1463.3							
	STD	00250	02.66	34.56	27.59	00.266	1464.7							
	OBS	00251	02.68	34.565	27.55		1464.8							
	OBS	00277	03.16	34.707	27.66		1467.5							
	STD	00300	03.37	34.70	27.63	00.252	1468.7							
	OBS	00300	03.38	34.700	27.63		1468.8							
	OBS	00350	03.53	34.607	27.70		1470.4							
	STD	00400	03.51	34.80	27.70	00.338	1471.1							
	OBS	00403	03.51	34.803	27.70		1471.2							
	OBS	00453	03.53	34.803	27.70		1472.1							
	STD	00500	03.54	34.81	27.70	00.382	1472.9							
	OBS	00502	03.54	34.808	27.70		1472.5							
	OBS	00552	03.56	34.813	27.70		1473.9							
	STD	00600	03.60	34.83	27.72	00.427	1474.8							
	OBS	00601	03.60	34.833	27.72		1474.9							
	OBS	00635	03.66	34.640	27.72		1475.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOO C S T A T I O N D A T A

REFID 51 6355	YEAR 1973	BJTOP J1116	AIR TEMP 05.5	OIR MGT PER	WIND-OIR 29	INST STD RECORDER	TEN 54 1506
CONSEC 0245	MONTH 07	SHIP EV	WET 8UL6 05.5	12 2 3	WIND-SPD 10	TRACE OIR 0	5 SQUARE 4
LAT 45 40.5N	DAY 02	DATA USE 1	BAROMETR 1026.5	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 51.0W	MOOR 15.1	AREA 05	CLOUD T/A	CL/TR	WEATHER 84	ORIG 011 434	1 SQUARE 57

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DTMOPTH	SND VEL	OXYG	PC4	TOT P	NO2	NO3	S103	PH
15.1	STO	00300	06.19	32.63	25.68	00.000	1472.7							
	OBS	00303	06.19	32.625	25.68		1472.8							
	OBS	00307	06.19	32.620	25.67		1472.8							
	STO	00310	06.11	32.63	25.69	00.023	1472.6							
	OBS	00011	06.06	32.635	25.70		1472.4							
	OBS	00015	05.72	32.734	25.82		1471.3							
	STO	00020	05.58	32.74	25.84	00.042	1470.7							
	OBS	00022	05.17	32.770	25.51		1469.1							
	STO	00030	04.08	32.94	26.17	00.066	1464.9							
	OBS	00030	04.05	32.960	26.18		1464.6							
	OBS	00038	04.29	33.258	26.39		1466.4							
	OBS	00041	04.18	33.331	26.40		1466.1							
	STO	00050	02.21	33.52	26.79	00.097	1458.0							
	OBS	00053	01.69	33.597	26.89		1455.8							
	OBS	00060	01.09	33.796	27.09		1453.6							
	STO	00075	00.95	33.87	27.16	00.124	1453.3							
	OBS	00076	02.53	33.678	27.17		1453.2							
	OBS	00079	00.86	33.912	27.20		1453.0							
	STO	00100	01.07	34.06	27.30	00.145	1454.5							
	OBS	00102	01.11	34.075	27.32		1454.7							
	STO	00125	01.55	34.22	27.40	00.164	1457.3							
	OBS	00125	01.56	34.220	27.40		1457.3							
	OBS	00148	01.84	34.253	27.49		1455.1							
	STO	00150	01.63	34.30	27.44	00.180	1455.1							
	OBS	00152	01.84	34.252	27.45		1455.1							
	OBS	00175	02.16	34.450	27.54		1461.1							
	STO	00200	02.43	34.53	27.58	00.205	1462.7							
	OBS	00201	02.42	34.530	27.58		1462.8							
	OBS	00228	02.79	34.567	27.58		1464.9							
	STO	00250	03.00	34.65	27.66	00.233	1466.3							
	OBS	00251	03.02	34.700	27.67		1466.4							
	OBS	00277	03.41	34.65 P	27.620*									
	STO	00300	03.51	34.75	27.65	00.256	1469.4							
	OBS	00300	03.51	34.795	27.65		1469.5							
	OBS	00350	03.95	34.840	27.69		1472.2							
	STO	00400	04.00	34.90	27.73	00.298	1473.3							
	OBS	00405	04.00	34.900	27.73		1473.4							
	OBS	00453	04.00	34.900	27.73		1474.2							
	STO	00500	03.94	34.91	27.74	00.340	1474.7							
	OBS	00502	03.54	34.907	27.74		1474.8							
	OBS	00552	03.88	34.895	27.74		1475.3							
	STO	00600	03.63	34.90	27.75	00.381	1475.9							
	OBS	00601	03.63	34.903	27.75		1475.9							
	OBS	00651	03.81	34.903	27.75		1476.7							
	STO	00700	03.75	34.90	27.75	00.423	1477.4							
	OBS	00700	03.75	34.900	27.75		1477.4							
	OBS	00750	03.73	34.910	27.76		1478.0							
	STO	00800	03.72	34.91	27.77	00.465	1478.6							
	OBS	00805	03.72	34.910	27.77		1478.6							
	OBS	00852	03.72	34.912	27.77		1479.7							
	STO	00900	03.68	34.91	27.77	00.506	1480.3							
	OBS	00902	03.68	34.912	27.77		1480.3							
	OBS	00951	03.66	34.915	27.76		1481.1							
	STO	01000	03.66	34.91	27.77	00.548	1481.9							
	OBS	01001	03.66	34.912	27.77		1481.9							
	OBS	01008	03.65	34.912	27.77		1482.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTDP 02472	AIR TEMP 09.5	OIR MGT FER	WIND-OIR 29	INST STO RECORDER	TEN 50 1506
CONSEC 0250	MONTH 07	SHP EV	WET BULB 09.0	03 X X	WIND-SPD 13	TRACE OIR 0	5 SQUARE 4
LAT 45 18.7N	DAY 02	DATA USE 1	BAROMETR 1026.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 147 30.8W	MOOR 18.0	AREA 05	CLOUD 7/A	CL/TR	WEATHER A4	ORIG 011 435	1 SQUARE 57

CAST/NO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P04	TOT P2	NO2	NO3	S103	PH
18.0	STO	00000	37.77	32.56	25.73	00.000	1475.4							
	OBS	00005	37.77	32.962	25.73		1475.4							
	STO	00010	37.26	32.55	25.79	00.022	1477.3							
	OBS	00011	37.27	32.551	25.80		1477.3							
	OBS	00015	37.15	32.955	25.81		1477.2							
	OBS	00019	36.79	32.897	25.81		1475.8							
	STO	00023	36.35	32.52	25.85	00.044	1474.1							
	OBS	00022	35.25	32.550	26.05		1469.7							
	STO	00030	35.58	32.87	26.17	00.064	1461.8							
	OBS	00030	33.14	32.860	26.15		1460.8							
	OBS	00034	30.86	33.075	26.53		1451.1							
	OBS	00038	- 0.15	33.221	26.70		1446.8							
	OBS	00041	- 0.53	33.311	26.75		1445.2							
	STO	00050	- 0.45	33.43	26.88	00.094	1445.5							
	OBS	00053	- 0.44	33.463	26.91		1446.0							
	OBS	00072	- 0.64	33.526	26.97		1445.5							
	STO	00075	- 0.64	33.55	26.98	00.123	1445.6							
	OBS	00076	- 0.64	33.556	26.99		1445.6							
	OBS	00083	- 0.52	33.650	27.06		1446.4							
	STO	00100	00.41	33.82	27.15	00.148	1451.2							
	OBS	00102	00.09	33.850	27.15		1452.6							
	OBS	00106	01.12	34.010	27.26		1454.6							
	STO	00125	02.08	34.16	27.32	00.169	1459.5							
	OBS	00125	02.10	34.170	27.32		1459.6							
	OBS	00129	02.18	34.210	27.35		1460.1							
	OBS	00137	02.75	34.308	27.37		1463.3							
	STO	00150	03.04	34.34	27.38	00.187	1464.3							
	OBS	00152	03.08	34.360	27.35		1464.6							
	OBS	00163	03.30	34.480	27.46		1465.5							
	OBS	00175	04.06	34.558	27.45		1469.4							
	STO	00200	04.38	34.67	27.51	00.220	1471.3							
	OBS	00201	04.38	34.675	27.51		1471.3							
	OBS	00213	04.33	34.650	27.45		1471.3							
	OBS	00217	04.11	34.658	27.52		1470.4							
	OBS	00228	04.06	34.685	27.55		1470.4							
	STO	00250	03.84	34.65	27.58	00.249	1469.9							
	OBS	00251	03.84	34.650	27.58		1469.9							
	OBS	00256	03.86	34.690	27.58		1470.1							
	OBS	00277	04.43	34.845	27.64		1473.0							
	STO	00300	04.46	34.85	27.64	00.275	1473.5							
	OBS	00300	04.46	34.853	27.64		1473.5							
	OBS	00350	04.72	34.914	27.66		1475.5							
	STO	00400	04.63	34.89	27.66	00.324	1475.9							
	OBS	00403	04.62	34.853	27.66		1476.3							
	OBS	00453	04.54	34.540	27.70		1476.5							
	STO	00500	04.50	34.510	27.68	00.372	1477.1							
	OBS	00502	04.50	34.510	27.68		1477.1							
	OBS	00552	04.45	34.914	27.69		1477.7							
	STO	00600	04.32	34.51	27.70	00.419	1478.3							
	OBS	00601	04.32	34.505	27.70		1478.0							
	OBS	00651	04.31	34.907	27.70		1478.8							
	STO	00700	04.16	34.50	27.71	00.466	1475.0							
	OBS	00700	04.16	34.503	27.71		1479.0							
	OBS	00753	04.13	34.515	27.73		1475.7							
	STO	00800	03.58	34.51	27.74	00.511	1479.9							
	OBS	00803	03.57	34.510	27.74		1479.9							
	OBS	00852	03.82	34.855	27.74		1480.1							
	STO	00900	03.82	34.90	27.75	00.555	1480.9							
	OBS	00902	03.82	34.903	27.75		1480.9							
	OBS	00951	03.83	34.510	27.75		1481.8							
	STO	01000	03.81	34.91	27.76	00.599	1482.5							
	OBS	01001	03.81	34.910	27.76		1482.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOL STATION DATA

REFID 31 0005	YEAR 1973	BOTDF 02538	AIR TEMP 06.5	DIA HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 3231	MONTH 07	SHIP EV	WET DULB 08.5	00 0 X	WIND-SPO 13	TRACE DIR	5 SQUARE 4
LAT 45 17.7N	DAY 02	DATA USE 1	BAROMETR 1026.8	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 07.0W	MOU 20.5	AREA 05	CLOUD T/A	CL/TA	WEATHER A4	ORIG J11 436	1 SQUARE 57

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SNO VEL	DAYC	P34	TOT P ²	NO2	NO3	S103	PH
	STD	00000	07.17	32.66	25.57	00.000	1476.6							
20.5	085	00003	07.17	32.657	25.57		1476.7							
	085	00007	07.11	32.635	25.57		1476.5							
	STD	00010	06.93	32.64	25.55	00.024	1475.8							
	085	00011	06.82	32.638	25.61		1475.4							
	085	00015	06.15	32.646	25.70		1472.9							
	STD	00020	05.74	32.68	25.78	00.047	1471.3							
	085	00022	04.76	32.760	25.95		1467.4							
	STD	00030	03.56	32.83	26.13	00.066	1462.6							
	085	00030	03.47	32.842	26.15		1462.2							
	085	00036	01.95	33.075	26.46		1456.0							
	085	00041	00.48	33.115	26.58		1449.6							
	085	00045	- 0.37	33.201	26.69		1445.8							
	085	00049	- 0.45	33.315	26.79		1445.7							
	STD	00050	- 0.41	33.32	26.79	00.100	1445.9							
	085	00053	- 0.19	33.322	26.78		1447.0							
	085	00060	- 0.14	33.407	26.85		1447.4							
	085	00064	- 0.33	33.456	26.90		1446.7							
	085	00066	- 0.21	33.457	26.92		1447.4							
	085	00072	- 0.32	33.550	26.97		1447.0							
	STD	00075	00.10	33.62	27.01	00.129	1446.1							
	085	00076	00.24	33.650	27.03		1449.8							
	085	00083	00.62	33.770	27.10		1451.8							
	085	00087	01.44	33.827	27.10		1455.5							
	085	00091	01.58	33.842	27.11		1456.5							
	STD	00100	02.53	34.05	27.19	00.153	1460.9							
	085	00102	02.72	34.058	27.21		1461.9							
	085	00114	02.87	34.152	27.27		1462.8							
	085	00118	03.17	34.223	27.27		1464.2							
	STD	00125	03.13	34.25	27.30	00.174	1464.2							
	085	00125	03.13	34.254	27.30		1464.2							
	085	00140	03.41	34.357	27.36		1465.8							
	085	00148	03.69	34.366	27.34		1467.1							
	STD	00150	03.68	34.37	27.34	00.193	1467.1							
	085	00152	03.66	34.365	27.34		1467.1							
	085	00171	02.58	34.330	27.37		1464.4							
	085	00175	02.83	34.357	27.41		1463.9							
	085	00178	03.14	34.480	27.48		1465.4							
	STD	00200	03.25	34.55	27.52	00.227	1466.3							
	085	00201	03.26	34.550	27.52		1466.4							
	085	00228	03.52	34.568	27.51		1468.0							
	085	00243	03.56	34.670	27.59		1468.6							
	STD	00250	04.11	34.73	27.58	00.255	1471.1							
	085	00251	04.17	34.733	27.58		1471.3							
	085	00258	04.21	34.728	27.57		1471.6							
	085	00277	04.10	34.732	27.58		1471.5							
	085	00285	03.92	34.700	27.58		1470.8							
	085	00289	03.32	34.660	27.61		1468.3							
	STD	00300	03.20	34.68	27.63	00.281	1468.0							
	085	00300	03.20	34.682	27.63		1468.0							
	085	00319	03.44	34.705	27.63		1469.4							
	085	00327	03.66	34.727	27.63		1470.4							
	085	00350	03.70	34.810	27.69		1471.1							
	STD	00400	04.29	34.90	27.70	00.328	1474.5							
	085	00403	04.31	34.903	27.70		1474.7							
	085	00453	04.33	34.900	27.69		1475.6							
	STD	00500	04.39	34.91	27.70	00.373	1476.6							
	085	00502	04.39	34.915	27.70		1476.7							
	085	00552	04.39	34.905	27.64		1477.5							
	STD	00600	04.31	34.90	27.65	00.420	1477.9							
	085	00601	04.31	34.900	27.70		1477.9							
	085	00651	04.22	34.900	27.70		1478.4							
	STD	00700	04.11	34.90	27.72	00.466	1478.7							
	085	00700	04.11	34.902	27.72		1478.8							
	085	00750	04.04	34.920	27.74		1479.3							
	STD	00800	03.68	34.90	27.74	00.511	1479.4							
	085	00803	03.87	34.904	27.74		1479.5							
	085	00852	03.84	34.898	27.75		1480.0							
	STD	00900	03.84	34.91	27.75	00.554	1480.5							
	085	00902	03.84	34.913	27.76		1481.0							
	085	00951	03.83	34.918	27.76		1481.9							
	STD	01000	03.82	34.92	27.76	00.598	1482.6							
	085	01001	03.62	34.920	27.76		1482.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 9355	YEAR 1973	STATION 03407	AIR TEMP 09.0	DIR MGT PER	WIND-DIR 28	INST STD RECORDER	TEN SW 1336
CONSEC 0252	MONTH 07	SHIP EV	WET BULB 09.8		WIND-SPO 14	TRACE DIR 0	5 SQUARE 4
LAT 45 06.0N	DAY 02	DATA USE 1	BAROMETR 1026.9	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 42.7W	MOJA 23.4	AREA 05	CLOUD 7/8	CL/TR	WEATHER X4	ORIG J11 437	1 SQUARE 56

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SWO VEL	OXYG	PC4	TOT P ²	NO2	NO3	SIO3	PH
23.4	STD	00000	07.51	32.61	25.45	00.000	1477.9							
	085	00003	07.51	32.630	25.49		1478.0							
	085	00007	07.27	32.579	25.50		1477.1							
	STD	00010	07.25	32.66	25.57	00.025	1477.1							
	085	00011	07.24	32.738	25.63		1477.2							
	085	00015	06.82	33.337	25.92		1476.3							
	085	00019	07.08	33.237	26.04		1477.4							
	STD	00020	07.06	33.30	26.09	00.046	1477.4							
	085	00022	07.01	33.368	26.15		1477.3							
	085	00026	06.24	33.259	26.15		1474.2							
	STD	00030	06.24	33.36	26.48	00.064	1466.2							
	085	00033	06.16	33.385	26.51		1465.9							
	085	00034	05.34	33.688	26.62		1471.2							
	085	00038	04.78	33.856	26.82		1469.2							
	085	00041	06.22	34.258	26.84		1475.0							
	STD	00050	06.03	34.22	26.56	00.091	1474.9							
	085	00053	05.91	34.217	26.57		1474.6							
	085	00057	06.60	34.301	27.05		1474.3							
	085	00060	06.10	34.356	27.05		1475.0							
	STD	00075	06.11	34.35	27.05	00.117	1475.9							
	085	00076	06.11	34.353	27.05		1475.9							
	085	00095	05.88	34.375	27.10		1475.3							
	STD	00100	06.38	34.47	27.11	00.143	1477.5							
	085	00102	06.55	34.507	27.11		1478.3							
	085	00110	06.58	34.510	27.11		1478.6							
	085	00121	05.05	34.535	27.16		1472.3							
	STD	00125	05.21	34.35	27.15	00.167	1473.1							
	085	00125	05.24	34.550	27.15		1473.2							
	085	00140	05.94	34.530	27.21		1476.5							
	STD	00150	05.87	34.50	27.20	00.189	1476.4							
	085	00152	05.86	34.500	27.20		1476.4							
	085	00171	05.78	34.510	27.21		1476.4							
	085	00178	04.86	34.362	27.21		1472.5							
	085	00182	04.54	34.358	27.24		1471.3							
	STD	00200	04.06	34.36	27.29	00.232	1465.6							
	085	00201	04.04	34.555	27.29		1469.5							
	085	00213	03.99	34.352	27.29		1469.4							
	085	00220	03.65	34.355	27.33		1468.3							
	085	00224	04.96	34.592	27.38		1474.3							
	085	00228	04.54	34.575	27.37		1474.0							
	085	00236	04.53	34.560	27.36		1474.0							
	085	00239	04.58	34.560	27.40		1472.6							
	085	00243	03.97	34.480	27.40		1470.0							
	085	00247	04.43	34.545	27.40		1472.1							
	STD	00250	04.02	34.49	27.40	00.270	1470.4							
	085	00258	02.88	34.360	27.41		1465.5							
	085	00277	02.23	34.355	27.46		1463.0							
	085	00293	02.56	34.457	27.51		1464.8							
	STD	00300	02.85	34.47	27.50	00.302	1466.2							
	085	00300	02.68	34.478	27.50		1466.3							
	085	00304	02.62	34.506	27.55		1465.3							
	085	00350	03.52	34.692	27.61		1473.2							
	085	00357	03.48	34.775	27.68		1470.3							
	085	00361	03.51	34.826	27.68		1472.2							
	085	00384	04.15	34.856	27.68		1475.6							
	STD	00400	04.47	34.51	27.68	00.357	1475.3							
	085	00403	04.52	34.915	27.88		1475.6							
	085	00453	04.51	34.920	27.69		1476.3							
	STD	00500	04.53	34.90	27.67	00.405	1477.2							
	085	00502	04.53	34.898	27.67		1477.2							
	085	00552	04.29	34.920	27.71		1477.1							
	STD	00600	04.13	34.90	27.71	00.451	1477.2							
	085	00601	04.13	34.900	27.71		1477.2							
	085	00651	04.05	34.907	27.73		1477.7							
	STD	00700	04.15	34.91	27.72	00.457	1476.9							
	085	00700	04.15	34.914	27.72		1478.9							
	085	00750	04.11	34.913	27.75		1479.6							
	STD	00800	04.03	34.91	27.73	00.542	1460.1							
	085	00803	04.03	34.913	27.73		1463.1							
	085	00852	03.56	34.500	27.73		1460.7							
	STD	00900	03.83	34.53	27.77	00.585	1480.8							
	085	00902	03.80	34.530	27.77		1480.8							
	085	00951	03.79	34.907	27.76		1481.6							
	STD	01000	03.74	34.91	27.76	00.628	1482.2							
	085	01001	03.74	34.906	27.76		1482.2							
	085	01005	03.73	34.890	27.75		1482.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 0000	YEAR 1973	OUTPOST 03502	AIR TEMP 12.4	DIR HGT PER	WIND-DIR 29	INST STO RECORDER	TEN SQ 1306
CONSEC 0250	MONTH 07	SHIP EV	WET BULB 12.4	29 0 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 2
LAT 44 50.5N	DAY 03	DATA USE 1	BAROMETR 1027.3	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 13.3W	MOJA 02.0	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	DRIG 011 438	1 SQUARE 46

CASSTUN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	LYNPTH	SNO VEL	OXYG	PD4	TD7	P2	NO2	NO3	S103	PH
02.A	STO	00300	12.06	32.57	25.03	00.000	1495.1								
	085	00303	12.06	32.574	25.03		1495.2								
	STO	00310	12.04	32.97	25.03	00.029	1495.2								
	085	00311	12.03	32.975	25.03		1495.2								
	085	00315	09.50	32.716	25.27		1485.9								
	085	00316	07.55	32.652	25.51		1478.6								
	STO	00320	06.70	32.70	25.67	00.056	1475.2								
	085	00322	05.01	32.917	26.05		1468.6								
	085	00326	04.57	33.440	26.51		1467.6								
	STO	00330	06.52	33.85	26.63	00.075	1476.2								
	085	00330	06.79	33.956	26.65		1477.4								
	085	00334	08.64	34.517	26.81		1485.4								
	085	00341	10.42	34.910	26.83		1492.5								
	085	00045	10.50	34.910	26.83		1492.8								
	STO	00353	10.21	34.86	26.83	00.101	1491.8								
	085	00353	10.02	34.640	26.84		1491.1								
	085	00360	05.73	34.650	26.90		1490.2								
	085	00364	05.83	34.853	26.89		1490.6								
	085	00368	05.74	34.620	26.88		1490.3								
	STO	00372	06.88	34.655	26.87		1487.0								
	085	00075	06.59	34.60	26.89	00.132	1485.9								
	085	00376	06.50	34.580	26.89		1485.5								
	085	00379	08.31	34.534	26.88		1484.8								
	085	00063	08.36	34.672	26.98		1485.2								
	085	00391	05.09	34.833	26.95		1488.3								
	STO	00100	09.15	34.86	27.00	00.160	1488.7								
	085	00102	09.17	34.866	27.01		1488.8								
	085	00106	08.82	34.753	27.00		1487.5								
	085	00110	08.75	34.822	27.04		1487.3								
	085	00114	09.01	34.937	27.06		1488.5								
	085	00121	05.94	35.120	27.07		1492.4								
	STO	00125	05.82	35.03	27.06	00.187	1491.1								
	085	00125	09.54	35.010	27.06		1490.8								
	085	00133	08.25	34.810	27.11		1485.8								
	085	00137	08.24	34.805	27.10		1485.8								
	085	00140	07.65	34.687	27.10		1483.5								
	085	00148	07.62	34.655	27.11		1483.5								
	STO	00150	07.90	34.76	27.12	00.212	1484.7								
	085	00152	08.27	34.840	27.13		1486.2								
	085	00175	08.09	34.845	27.16		1485.5								
	085	00178	08.06	34.840	27.16		1485.5								
	085	00186	07.29	34.685	27.15		1482.8								
	085	00194	07.26	34.657	27.16		1482.9								
	085	00198	07.75	34.840	27.21		1485.0								
	STO	00203	07.76	34.85	27.21	00.255	1485.1								
	085	00201	07.77	34.850	27.21		1485.2								
	085	00205	07.81	34.840	27.21		1485.4								
	085	00209	08.55	35.040	27.24		1488.5								
	085	00217	08.54	35.040	27.24		1488.6								
	085	00228	06.06	34.565	27.22		1478.5								
	085	00232	05.83	34.530	27.22		1477.6								
	085	00243	06.21	34.710	27.32		1475.5								
	STO	00250	06.58	34.66	27.34	00.301	1482.5								
	085	00251	07.07	34.883	27.34		1483.3								
	085	00255	07.19	34.910	27.34		1483.5								
	085	00262	08.12	35.128	27.38		1487.9								
	085	00270	08.19	35.140	27.37		1488.3								
	085	00281	07.02	34.905	27.36		1483.6								
	085	00285	06.71	34.845	27.36		1482.4								
	STO	00300	06.85	34.92	27.40	00.340	1483.3								
	085	00303	06.87	34.930	27.40		1485.4								
	085	00308	07.18	35.040	27.45		1484.9								
	085	00316	07.21	35.040	27.44		1485.1								
	085	00319	06.65	34.930	27.43		1482.8								
	085	00331	05.71	34.795	27.45		1475.1								
	085	00335	05.70	34.810	27.46		1475.1								
	085	00342	05.36	34.770	27.47		1477.8								
	085	00350	05.47	34.776	27.46		1478.4								
	085	00359	06.21	35.010	27.55		1482.5								
	STO	00403	06.16	35.00	27.55	00.406	1482.3								
	085	00403	05.67	34.510	27.54		1480.3								
	085	00441	05.55	34.898	27.55		1480.4								
	085	00453	05.88	34.970	27.57		1482.0								
	085	00479	05.20	34.907	27.60		1479.6								
	STO	00503	05.25	34.94	27.62	00.464	1480.2								
	085	00552	05.38	34.960	27.62		1481.6								
	085	00574	04.55	34.950	27.65		1480.2								
	STO	00600	04.96	34.95	27.66	00.516	1480.7								
	085	00651	04.58	34.960	27.67		1481.6								
	STO	00700	04.73	34.93	27.67	00.567	1481.4								
	085	00700	04.73	34.930	27.67		1481.4								
	085	00750	04.40	34.507	27.65		1480.8								
	STO	00800	04.26	34.89	27.70	00.617	1481.0								
	085	00800	04.25	34.893	27.70		1481.0								
	085	00850	04.14	34.912	27.72		1481.5								
	STO	00900	04.08	34.91	27.73	00.665	1482.0								
	085	00902	04.08	34.915	27.73		1482.0								
	085	00946	03.55	34.510	27.74		1482.4								
	085	00951	04.00	34.905	27.73		1482.5								
	STO	01000	04.01	34.92	27.74	00.711	1481.3								
	085	01001	04.01	34.920	27.74		1481.4								

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 51 8355	YEAR 1973	BOTOP 00753	AIR TEMP 11.8	OJR MGT PER	WIND-OIR 27	INST STO RECORDER	TEN SQ 1306
CONSEL 05.6	MONTH 07	SHIP EV	WET BULB 11.8	28 0 2	WIND-SPO 11	TRACE OIR 0	5 SQUARE 2
LAT 44 35.04	DAY 03	DATA USE 1	BAROMETR 1027.4	SEA	WIND-FOR	DURATION	2 SQUARE 44
LONG 045 36.64	MOOR 05.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 435	1 SQUARE 45

CASSTH/M/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DTN/PTM	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.6	STO	00000	08.30	33.12	25.77	00.000	1481.9							
	085	00003	08.36	33.116	25.77		1481.9							
	085	00007	08.24	33.335	25.96		1481.8							
	STO	00010	08.32	33.58	26.13	00.021	1482.5							
	085	00011	08.36	33.660	26.19		1482.7							
	085	00015	08.46	33.667	26.18		1482.2							
	085	00019	08.12	33.772	26.31		1482.1							
	STO	00020	08.11	33.83	26.36	00.035	1482.1							
	085	00022	08.05	33.625	26.44		1482.1							
	085	00026	07.94	33.935	26.47		1481.7							
	STO	00030	07.18	33.85	26.51	00.055	1478.7							
	085	00030	07.09	33.840	26.51		1478.4							
	085	00034	06.58	34.075	26.77		1476.7							
	085	00038	06.76	34.140	26.80		1477.6							
	085	00041	08.11	34.555	26.93		1482.5							
	085	00045	07.83	34.515	26.94		1482.4							
	STO	00050	07.01	34.35	26.53	00.081	1475.1							
	085	00053	06.46	34.252	26.92		1476.8							
	085	00064	05.07	34.118	26.95		1471.2							
	085	00068	05.06	34.113	26.59		1471.2							
	085	00072	05.51	34.150	27.00		1473.2							
	STO	00075	05.35	34.16	26.99	00.105	1472.6							
	085	00076	05.31	34.180	27.00		1472.4							
	085	00079	05.27	34.185	27.02		1472.3							
	085	00095	05.69	34.528	27.06		1474.6							
	STO	00100	06.07	34.39	27.08	00.135	1476.2							
	085	00102	06.73	34.510	27.05		1475.0							
	085	00106	06.70	34.530	27.11		1479.0							
	085	00114	07.33	34.670	27.13		1481.6							
	STO	00125	07.55	34.72	27.14	00.160	1482.9							
	085	00129	07.55	34.720	27.14		1482.5							
	085	00137	07.44	34.697	27.14		1482.6							
	085	00140	06.76	34.905	27.13		1480.0							
	STO	00150	06.73	34.56	27.13	00.184	1479.9							
	085	00152	06.69	34.563	27.14		1475.8							
	085	00163	06.77	34.613	27.17		1480.3							
	085	00167	06.55	34.560	27.15		1475.4							
	085	00171	06.52	34.573	27.17		1475.4							
	085	00175	06.69	34.660	27.21		1480.3							
	085	00190	06.73	34.692	27.23		1480.7							
	085	00194	07.17	34.877	27.32		1482.7							
	085	00198	08.01	35.030	27.52		1486.3							
	STO	00200	08.04	35.04	27.52	00.228	1486.4							
	085	00231	08.06	35.050	27.32		1486.5							
	085	00213	08.10	35.050	27.32		1486.9							
	085	00228	06.84	34.823	27.33		1481.8							
	085	00232	06.60	34.790	27.33		1481.0							
	085	00236	06.64	34.755	27.33		1481.1							
	085	00243	06.05	34.700	27.33		1475.0							
	STO	00250	06.05	34.72	27.34	00.267	1475.0							
	085	00251	06.01	34.720	27.35		1478.5							
	085	00258	05.53	34.660	27.36		1477.0							
	085	00266	05.87	34.702	27.35		1478.5							
	085	00277	05.75	34.708	27.37		1478.4							
	STO	00300	05.85	34.76	27.40	00.305	1475.1							
	085	00303	05.85	34.758	27.40		1475.1							
	085	00350	05.67	34.640	27.49		1475.3							
	STO	00400	05.38	34.85	27.53	00.372	1475.3							
	085	00403	05.33	34.847	27.54		1478.8							
	085	00411	05.21	34.842	27.55		1478.4							
	085	00422	05.60	34.905	27.55		1480.3							
	085	00453	05.27	34.910	27.59		1475.5							
	STO	00500	05.18	34.51	27.61	00.431	1479.9							
	085	00502	05.17	34.515	27.61		1475.9							
	085	00552	04.57	34.910	27.63		1479.9							
	STO	00600	04.58	34.51	27.62	00.485	1480.7							
	085	00654	05.00	34.97 P	27.670									
	STO	00700	04.84	34.50	27.64	00.540	1481.8							
	085	00703	04.84	34.900	27.64		1481.8							
	085	00750	04.46	34.507	27.88		1481.0							
	STO	00800	04.34	34.91	27.70	00.592	1481.4							
	085	00803	04.33	34.507	27.70		1481.4							
	085	00852	04.30	34.507	27.70		1482.1							
	STO	00900	04.22	34.52	27.72	00.640	1482.6							
	085	00902	04.22	34.517	27.72		1482.6							
	085	00951	04.13	34.502	27.72		1483.3							
	085	00977	04.07	34.930	27.74		1483.6							
	STO	01000	04.07	34.93	27.74	00.687	1483.8							
	085	01001	04.07	34.528	27.74		1483.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N D O C S T A T I O N D A T A

REFID 31 3555	YEAR 1973	80TOP 04066	AIR TEMP 06.1	QTR MGT PER	WIND-OIR 20	INST STO RECORDER	TEN SQ 1300
CONSEL 0255	MONTH 07	SHIP EV	WET 6UL8 06.1	25 0 2	WIND-SPO 15	TRACE OIR 0	5 SQUARE 2
LAT 43 58.8N	DAY 03	DATA USE 1	BARGMETR 1029.0	SEA	WIND-FDR	DURATION	2 SQUARE 24
LONG 145 59.2W	MOUR 05.4	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 440	1 SQUARE 35

CASSTN/TH/ME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	PO4	TOT P	NO2	NO3	S103	PH
09.4	STO	00000	16.74	34.01	24.84	00.000	1511.6							
	085	00005	16.74	34.010	24.84		1511.6							
	085	00010	16.77	34.077	24.88		1511.9							
	STO	00010	17.28	34.67	25.21	00.029	1514.1							
	085	00011	17.54	34.934	25.35		1515.3							
	085	00015	18.13	35.355	25.55		1517.5							
	085	00015	18.46	35.582	25.62		1518.8							
	STO	00020	18.20	35.44	25.58	00.055	1517.9							
	085	00022	17.77	35.350	25.61		1516.6							
	085	00024	17.85	35.637	26.03		1517.7							
	STO	00030	17.58	36.11	26.15	00.077	1518.3							
	085	00030	17.59	36.114	26.14		1518.3							
	085	00034	16.78	35.906	26.26		1514.5							
	085	00038	16.38	35.623	26.39		1513.4							
	STO	00050	16.43	36.16	26.57	00.111	1514.1							
	085	00053	16.45	36.216	26.59		1514.2							
	085	00068	16.02	36.170	26.66		1513.1							
	085	00072	15.45	36.003	26.66		1511.2							
	STO	00075	15.20	35.95	26.67	00.147	1510.5							
	085	00076	15.16	35.937	26.68		1510.3							
	085	00081	15.04	35.928	26.70		1510.0							
	085	00087	14.76	35.868	26.73		1509.2							
	085	00099	14.74	35.928	26.76		1509.3							
	STO	00100	14.67	35.91	26.76	00.181	1509.1							
	085	00102	14.45	35.852	26.76		1508.5							
	STO	00105	13.98	35.75	26.79	00.214	1507.1							
	085	00105	13.97	35.753	26.79		1507.1							
	085	00148	13.45	35.708	26.86		1505.8							
	STO	00150	13.43	35.69	26.86	00.246	1505.6							
	085	00159	13.16	35.605	26.85		1504.8							
	085	00182	13.25	35.702	26.90		1505.6							
	STO	00200	13.03	35.64	26.90	00.307	1505.0							
	085	00201	13.01	35.632	26.90		1505.0							
	085	00232	12.82	35.650	26.98		1504.9							
	085	00243	12.53	35.594	26.96		1504.0							
	STO	00250	12.41	35.61	27.00	00.366	1503.7							
	085	00251	12.38	35.607	27.00		1503.7							
	085	00277	11.82	35.530	27.05		1502.1							
	085	00281	11.66	35.510	27.07		1501.6							
	085	00293	11.27	35.400	27.06		1500.2							
	STO	00300	11.14	35.40	27.08	00.421	1499.9							
	085	00300	11.13	35.355	27.08		1499.9							
	085	00306	11.11	35.390	27.08		1499.9							
	085	00312	11.03	35.393	27.09		1499.7							
	085	00323	10.53	35.260	27.08		1497.9							
	085	00327	10.18	35.260	27.14		1496.7							
	085	00338	09.57	35.222	27.15		1496.1							
	085	00350	10.04	35.267	27.17		1496.6							
	STO	00400	09.24	35.18	27.24	00.521	1494.4							
	085	00403	05.19	35.180	27.25		1494.3							
	085	00434	08.79	35.165	27.30		1493.3							
	085	00468	08.24	35.060	27.30		1491.6							
	085	00491	07.97	35.045	27.33		1490.9							
	STO	00500	07.56	34.93	27.31	00.610	1489.4							
	085	00506	07.27	34.895	27.32		1488.3							
	085	00514	06.92	34.854	27.37		1487.0							
	085	00517	06.59	34.830	27.36		1485.7							
	085	00529	06.59	34.875	27.40		1486.0							
	085	00544	06.18	34.884	27.46		1486.6							
	085	00555	05.69	34.833	27.48		1486.8							
	STO	00600	05.76	34.95	27.54	00.685	1484.0							
	085	00654	05.50	35.040	27.62		1485.5							
	085	00666	05.72	35.000	27.61		1484.9							
	085	00670	05.37	34.920	27.59		1483.5							
	STO	00700	05.04	34.91	27.62	00.745	1482.6							
	085	00700	05.04	34.906	27.62		1482.6							
	085	00750	05.11	34.962	27.65		1485.8							
	STO	00800	05.00	34.94	27.65	00.800	1484.2							
	085	00803	04.99	34.943	27.65		1484.2							
	085	00852	04.65	34.917	27.67		1483.5							
	STO	00900	04.60	34.91	27.67	00.854	1484.1							
	085	00902	04.59	34.913	27.67		1484.1							
	085	00951	04.41	34.912	27.69		1484.2							
	STO	01000	04.44	34.91	27.69	00.906	1485.1							
	085	01001	04.44	34.916	27.69		1485.1							
	085	01006	04.46	34.923	27.70		1485.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8355	YEAR 1973	BOTOP 03546	AIR TEMP 17.0	OIR MGT PER	WIND-DIR 27	INST STO RECORDER	TEN SQ 1306
CONSEC 0250	MONTH 07	SHIP EV	NET BULB 17.6	30 1 2	WIND-SPO 10	TRACE OIR 0	5 SQUARE 2
LAT 44 37.3N	DAY 33	DATA USE 1	BAROMETR 1030.3	SEA	#IND-FOR	DURATION	2 SQUARE 46
LONG 046 47.2W	MOOR 13.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	ORIG 011 441	2 SQUARE 46

LASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	QYNDPTH	SND VEL	OXYG	PO4	TOT P2	NO2	NO3	SIO3	PH
13.5	STO	00000	17.92	35.35	25.61	00.000	1516.7							
	085	00005	17.92	35.386	25.61		1516.8							
	STO	00010	17.88	35.35	25.62	00.024	1516.8							
	085	00011	17.86	35.393	25.63		1516.7							
	085	00015	17.71	35.763	25.95		1516.9							
	STO	00020	17.28	35.78	26.06	00.046	1515.6							
	085	00022	16.43	35.842	26.31		1513.2							
	085	00026	16.14	35.550	26.45		1512.6							
	STO	00030	16.18	36.03	26.51	00.063	1512.8							
	085	00033	16.18	36.030	26.52		1512.8							
	085	00038	16.13	36.040	26.53		1512.8							
	085	00045	15.57	35.944	26.59		1511.1							
	STO	00050	15.45	35.94	26.61	00.093	1510.9							
	085	00053	15.41	35.940	26.62		1510.7							
	085	00057	15.30	35.950	26.65		1510.4							
	085	00060	15.35	36.040	26.70		1510.9							
	STO	00075	14.64	35.92	26.77	00.128	1506.6							
	085	00076	14.55	35.938	26.78		1506.5							
	STO	00100	14.16	35.86	26.84	00.160	1507.4							
	085	00102	14.10	35.850	26.84		1507.2							
	085	00118	13.72	35.740	26.84		1506.1							
	STO	00125	13.56	35.73	26.86	00.191	1505.7							
	085	00125	13.55	35.733	26.87		1505.7							
	STO	00150	13.22	35.74	26.94	00.221	1505.0							
	085	00152	13.15	35.740	26.94		1504.9							
	085	00175	12.57	35.725	26.98		1504.5							
	085	00186	13.16	35.750	26.96		1505.4							
	STO	00200	13.11	35.74	26.96	00.275	1505.4							
	085	00201	13.06	35.735	26.97		1505.3							
	085	00205	12.93	35.727	26.95		1504.5							
	085	00220	12.07	35.450	26.97		1501.9							
	085	00224	11.90	35.440	26.97		1501.4							
	085	00228	11.45	35.340	26.98		1499.7							
	085	00232	10.93	35.255	27.01		1497.9							
	085	00247	10.35	35.240	27.10		1496.0							
	STO	00250	10.84	35.35	27.10	00.354	1498.0							
	085	00251	11.02	35.355	27.10		1498.7							
	085	00258	10.58	35.350	27.10		1498.6							
	085	00289	10.41	35.265	27.11		1497.0							
	STO	00300	09.88	35.15	27.11	00.385	1495.1							
	085	00300	09.84	35.144	27.11		1494.5							
	085	00308	09.40	35.060	27.12		1493.3							
	085	00316	09.08	35.030	27.15		1492.2							
	085	00319	08.47	34.900	27.14		1489.8							
	085	00335	08.45	35.020	27.24		1490.2							
	085	00338	08.06	34.913	27.22		1488.6							
	085	00350	08.13	35.010	27.28		1489.2							
	085	00355	08.35	35.053	27.28		1490.8							
	STO	00400	08.23	35.06	27.30	00.479	1490.4							
	085	00403	08.15	35.060	27.32		1490.1							
	085	00453	07.56	35.040	27.39		1488.7							
	085	00475	07.48	35.058	27.42		1488.5							
	STO	00500	06.89	35.05	27.49	00.556	1486.9							
	085	00502	06.84	35.040	27.45		1486.7							
	085	00514	06.64	35.030	27.49		1486.1							
	085	00517	06.15	34.900	27.48		1484.1							
	085	00552	05.85	34.903	27.52		1483.4							
	085	00555	05.65	34.877	27.52		1482.7							
	085	00567	05.68	34.910	27.54		1482.0							
	085	00578	04.58	34.650	27.58		1480.3							
	STO	00600	04.78	34.83	27.59	00.615	1475.8							
	085	00601	04.77	34.827	27.55		1475.7							
	STO	00700	05.50	34.96	27.60	00.677	1484.5							
	085	00703	05.50	34.960	27.60		1484.6							
	STO	00800	04.88	34.94	27.66	00.733	1483.6							
	085	00803	04.86	34.940	27.67		1483.6							
	085	00852	04.65	34.915	27.67		1483.5							
	STO	00900	04.53	34.92	27.69	00.785	1483.9							
	085	00902	04.53	34.92	27.69		1483.9							
	085	00940	04.50	34.92	27.69		1484.4							
	085	00951	04.53	34.950	27.69		1484.7							
	085	00997	04.55	34.950	27.71		1485.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1978.—Continued

NOOC STATION DATA

REFID 21 8555	YEAR 1978	80TOP 03931	AIR TEMP 15.7	OIR MGT PER	WIND-OIR 25	INST STO RECORDE	7EN SQ 1336
CONSEL 0257	MONTH 07	SHIP EV	WET BULB 16.2	00 0 X	WIND-SPD 10	TRACE OIR 0	5 SQUARE 2
LAT 44 13.44	DAY 03	DATA USE 1	BAROMETR 1029.6	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 16.34	MOOR 10.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	DRIG 011 442	1 SQUARE 47

CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	ORYG	P04	TOT P.	NO2	NO3	S103	PH
16.3	STO	00300	15.11	35.78	25.03	00.000	1506.2							
	085	00303	15.11	35.785	25.03		1506.3							
	085	00007	16.69	35.680	26.26		1513.8							
	STO	00010	16.62	35.63	26.31	00.023	1513.7							
	085	00011	16.57	35.908	26.33		1513.5							
	085	00015	16.42	35.938	26.39		1513.2							
	085	00019	16.60	36.164	26.52		1514.1							
	STO	00020	16.51	36.13	26.51	00.040	1513.8							
	085	00022	16.44	36.101	26.51		1513.6							
	085	00026	16.80	36.242	26.53		1514.9							
	STO	00030	16.71	36.22	26.54	00.055	1514.7							
	085	00030	16.65	36.205	26.54		1514.5							
	085	00034	15.80	35.950	26.54		1511.6							
	085	00041	15.98	36.075	26.60		1512.5							
	085	00045	15.77	36.048	26.62		1511.8							
	085	00045	15.81	36.180	26.72		1512.2							
	STO	00050	15.76	36.16	26.71	00.084	1512.0							
	085	00053	15.46	36.370	26.71		1511.0							
	085	00064	15.30	36.063	26.74		1513.7							
	085	00072	14.82	35.930	26.75		1509.1							
	STO	00075	14.62	35.93	26.79	00.117	1506.5							
	085	00076	14.54	35.928	26.81		1506.3							
	STO	00100	13.97	35.67	26.88	00.148	1506.8							
	085	00102	13.91	35.859	26.89		1506.6							
	STO	00125	13.41	35.74	26.90	00.176	1505.2							
	085	00125	13.40	35.743	26.90		1505.2							
	085	00137	12.28	35.732	26.92		1505.0							
	085	00144	12.79	35.582	26.90		1503.3							
	085	00148	12.72	35.597	26.93		1503.1							
	STO	00150	12.40	35.51	26.93	00.207	1501.9							
	085	00152	11.96	35.395	26.92		1500.3							
	085	00175	10.80	35.098	26.91		1496.3							
	085	00178	10.17	35.022	26.96		1494.3							
	085	00190	05.28	34.940	27.35		1490.7							
	STO	00200	09.22	34.89	27.02	00.264	1490.7							
	085	00201	08.85	34.817	27.02		1485.2							
	085	00205	07.70	34.580	27.01		1484.6							
	085	00209	07.29	34.542	27.04		1483.0							
	085	00213	07.18	34.570	27.08		1482.7							
	085	00217	07.18	34.603	27.10		1482.6							
	085	00224	06.29	34.880	27.16		1487.6							
	085	00226	08.28	34.863	27.14		1487.6							
	085	00239	08.14	34.837	27.14		1487.2							
	085	00243	07.88	34.780	27.14		1486.2							
	STO	00250	07.75	34.82	27.19	00.315	1485.8							
	085	00251	07.73	34.820	27.19		1485.8							
	085	00262	07.76	34.830	27.20		1486.1							
	STO	00300	08.36	35.02	27.26	00.360	1485.3							
	085	00312	08.56	35.050	27.25		1490.2							
	085	00335	08.20	35.050	27.30		1489.3							
	085	00350	07.94	35.005	27.31		1488.5							
	085	00354	07.60	34.930	27.30		1487.1							
	085	00365	05.75	34.657	27.33		1479.6							
	085	00384	05.66	34.763	27.43		1475.7							
	085	00388	05.97	34.844	27.45		1481.1							
	STO	00400	06.06	34.64	27.44	00.440	1481.7							
	085	00405	06.08	34.837	27.43		1481.8							
	085	00453	05.68	34.907	27.54		1481.1							
	STO	00500	05.51	34.90	27.58	00.504	1480.4							
	085	00502	05.29	34.900	27.58		1480.3							
	085	00514	05.39	34.912	27.58		1481.0							
	085	00548	05.15	34.925	27.62		1480.6							
	085	00552	05.18	34.914	27.61		1480.7							
	085	00567	05.18	34.900	27.60		1481.0							
	STO	00600	05.53	34.96	27.60	00.562	1483.0							
	085	00601	05.53	34.960	27.60		1483.0							
	085	00647	05.02	34.910	27.62		1481.6							
	085	00651	04.98	34.917	27.63		1481.6							
	STO	00700	04.85	34.92	27.65	00.617	1481.8							
	085	00704	04.84	34.920	27.65		1481.9							
	085	00759	04.58	34.912	27.67		1482.4							
	STO	00800	04.57	34.91	27.68	00.670	1482.3							
	085	00803	04.53	34.910	27.68		1482.2							
	085	00832	04.42	34.906	27.69		1482.6							
	STO	00900	04.35	34.91	27.69	00.720	1483.3							
	085	00902	04.35	34.910	27.69		1483.3							
	085	00951	04.30	34.930	27.70		1483.7							
	STO	01000	04.22	34.91	27.72	00.770	1484.2							
	085	01008	04.21	34.920	27.72		1484.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N O A T A

REFIC 31	8355	YEAR 1973	80TOP 03571	AIR TEMP 12.0	OIR MGT PER	WIND-OIR 24	INST STD RECORDER	TEN SW 1500
CONSEC 0256		MONTH 07	SHIP EV	WET BULB 12.0	00 0 8	WIND-SPO 12	TRACE OIR 0	5 SQUARE 2
LAT 21.4N		DAY 03	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FOR	DURATION	2 SQUARE 40
LONG 047 44.1W		MOOR 15.7	AREA 05	CLOUD 7/A	CL/TR	WEATHER 84	ORIG 011 443	1 SQUARE 47

CASNUM/TIME	LVLTYP	CEPTM	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	DAYG	P34	TOT P	NO2	NO3	S103	PH
19.7	STD	00000	08.66	32.42	25.17	00.000	1482.1							
	065	00005	08.66	32.420	25.17		1482.2							
	065	00010	08.66	32.215	25.29		1474.2							
	STD	00015	05.07	32.36	25.62	00.026	1468.0							
	085	00011	04.41	32.443	25.74		1465.3							
	085	00015	03.64	32.488	25.85		1462.2							
	085	00019	03.13	32.527	25.92		1460.1							
	STD	00020	03.05	32.56	25.95	00.046	1459.8							
	085	00022	02.82	32.609	26.02		1459.0							
	085	00026	02.46	32.620	26.06		1457.5							
	STD	00030	01.57	32.66	26.15	00.068	1455.7							
	065	00033	01.45	32.664	26.16		1455.1							
	065	00034	00.57	32.757	26.28		1446.5							
	065	00036	00.21	32.974	26.46		1446.1							
	065	00041	- 0.86	32.986	26.54		1445.1							
	065	00045	- 1.45	33.104	26.65		1443.7							
	065	00049	- 1.47	33.170	26.71		1443.7							
	STD	00053	- 1.45	33.170	26.71	00.100	1440.6							
	065	00055	- 1.35	33.163	26.71		1441.5							
	085	00060	- 1.10	33.530	26.83		1442.6							
	085	00064	- 0.91	33.368	26.85		1442.9							
	085	00072	- 0.75	33.455	26.92		1444.7							
	STD	00075	- 0.50	33.51	26.95	00.151	1446.1							
	085	00076	- 0.30	33.537	26.96		1447.1							
	085	00075	00.78	33.425	26.98		1452.3							
	085	00083	00.85	33.617	26.97		1452.6							
	085	00087	03.42	33.597	27.07		1460.5							
	085	00099	05.73	34.340	27.09		1474.7							
	STD	00100	05.70	34.33	27.08	00.157	1474.6							
	085	00102	05.61	34.298	27.07		1474.3							
	085	00106	05.13	34.227	27.07		1472.3							
	085	00110	05.10	34.235	27.08		1472.2							
	085	00114	05.75	34.470	27.15		1475.3							
	STD	00125	05.51	34.50	27.15	00.181	1476.1							
	085	00125	05.52	34.500	27.15		1476.2							
	085	00140	05.74	34.497	27.21		1475.7							
	065	00148	06.68	34.656	27.24		1475.8							
	STD	00150	06.65	34.70	27.25	00.203	1479.9							
	085	00152	06.70	34.710	27.25		1480.0							
	085	00175	05.71	34.575	27.27		1476.2							
	STD	00200	05.62	34.70	27.30	00.243	1477.2							
	085	00201	05.83	34.707	27.30		1477.3							
	065	00205	05.61	34.652	27.38		1476.5							
	065	00228	05.64	34.807	27.44		1477.9							
	085	00232	05.76	34.795	27.44		1477.7							
	065	00236	05.25	34.690	27.42		1475.5							
	STD	00250	05.20	34.64	27.43	00.279	1475.5							
	065	00251	05.19	34.657	27.43		1475.5							
	085	00266	05.13	34.742	27.48		1475.6							
	085	00270	05.77	34.810	27.51		1476.3							
	065	00277	05.30	34.820	27.52		1476.6							
	STD	00300	05.03	34.81	27.54	00.311	1475.8							
	065	00300	05.02	34.806	27.54		1475.8							
	065	00350	04.46	34.905	27.63		1476.5							
	STD	00400	04.44	34.91	27.63	00.367	1477.2							
	065	00405	04.53	34.907	27.63		1477.2							
	065	00453	04.62	34.913	27.67		1476.8							
	STD	00500	04.55	34.90	27.67	00.417	1477.5							
	065	00502	04.55	34.903	27.67		1477.5							
	065	00552	04.67	34.917	27.67		1476.6							
	STD	00600	04.59	35.00	27.74	00.463	1479.2							
	065	00601	04.59	35.000	27.74		1479.2							
	065	00651	04.53	35.000	27.75		1475.8							
	085	00658	04.55	35.020	27.76		1483.0							
	085	00685	04.12	34.550	27.74		1478.6							
	STD	00700	04.01	34.50	27.73	00.506	1478.3							
	085	00700	04.01	34.500	27.73		1478.3							
	085	00750	04.17	34.920	27.73		1479.9							
	085	00757	04.17	34.900	27.71		1479.9							
	STD	00800	04.16	34.92	27.73	00.551	1480.6							
	085	00803	04.15	34.923	27.73		1480.7							
	085	00852	03.51	34.897	27.74		1482.4							
	STD	00900	03.78	34.91	27.76	00.596	1480.7							
	085	00902	03.78	34.913	27.76		1480.7							
	065	00951	03.75	34.922	27.77		1481.6							
	STD	01000	03.79	34.92	27.76	00.639	1482.4							
	065	01001	03.79	34.916	27.76		1482.4							
	085	01008	03.79	34.918	27.76		1482.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	80TOP 03305	AIR TEMP 10.8	DIR HGT PER	WIND-DIR 24	INST STO RECORDER	TEN SQ 1306
CONSEC 0255	MONTH 07	SHIP EV	WET BULB 10.6	00 J X	WIND-SPO 12	TRACE DIR	5 SQUARE 2
LAT 44 29.0N	DAY 03	DATA USE 1	BAROMETR 1029.3	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 046 12.7W	MOOR 22.6	AREA 05	CLOUD 7/A	CL/7R	WEATHER X4	ORIG 021 444	1 SQUARE 48

CASINJM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DXYG	PO4	TOT P ²	NO2	NO3	S103	PH
	STD	00000	08.94	32.78	25.41	00.000	1483.6							
22.0	085	00005	08.94	32.780	25.41		1483.7							
	065	00007	06.59	32.710	25.41		1482.3							
	STD	00010	08.18	32.67	25.44	00.026	1480.7							
	065	00011	07.84	32.660	25.48		1479.4							
	065	00015	06.56	32.700	25.69		1474.5							
	STD	00020	05.98	32.68	25.75	00.050	1472.2							
	065	00022	05.24	32.670	25.80		1469.5							
	065	00026	03.77	32.720	26.02		1465.2							
	STD	00030	01.68	32.93	26.35	00.065	1455.4							
	065	00034	00.51	33.140	26.60		1445.6							
	065	00038	00.19	33.280	26.73		1448.4							
	065	00041	00.32	33.330	26.76		1445.1							
	STD	00050	00.18	33.46	26.88	00.098	1448.8							
	065	00053	00.16	33.510	26.92		1448.8							
	065	00068	00.34	33.680	27.05		1450.1							
	065	00072	- 0.01	33.660	27.05		1448.6							
	STD	00075	- 0.12	33.69	27.08	00.125	1448.2							
	065	00076	- 0.17	33.710	27.10		1448.0							
	065	00080	00.22	33.810	27.16		1450.0							
	065	00085	00.29	33.800	27.14		1450.3							
	065	00087	00.10	33.820	27.17		1445.6							
	065	00091	00.12	33.870	27.21		1449.8							
	065	00095	00.78	33.950	27.27		1453.1							
	STD	00100	00.82	33.95	27.27	00.148	1453.3							
	065	00102	00.92	34.010	27.28		1453.8							
	STD	00125	01.48	34.22	27.41	00.166	1456.9							
	065	00125	01.51	34.230	27.41		1457.1							
	065	00137	02.32	34.420	27.53		1461.1							
	065	00144	03.26	34.510	27.49		1465.4							
	STD	00150	03.28	34.50	27.48	00.183	1465.6							
	065	00152	03.30	34.500	27.48		1465.7							
	065	00171	03.86	34.570	27.48		1468.5							
	065	00182	04.51	34.730	27.51		1471.6							
	STD	00200	04.39	34.70	27.53	00.213	1471.4							
	065	00201	04.38	34.720	27.54		1471.4							
	065	00205	04.69	34.840	27.61		1473.0							
	065	00213	04.75	34.850	27.59		1473.3							
	065	00232	04.48	34.770	27.57		1472.4							
	065	00235	04.15	34.710	27.56		1471.0							
	065	00247	04.00	34.740	27.59		1470.0							
	STD	00250	04.17	34.77	27.61	00.241	1471.4							
	065	00258	04.44	34.850	27.64		1472.8							
	065	00278	04.49	34.840	27.63		1473.3							
	065	00297	04.32	34.850	27.65		1472.9							
	STD	00300	04.15	34.83	27.65	00.265	1472.4							
	065	00312	05.78	34.780	27.66		1470.8							
	065	00350	03.93	34.840	27.69		1472.1							
	065	00372	04.26	34.91 P	27.710									
	065	00380	04.63	34.920	27.68 *		1475.7							
	STD	00400	04.78	34.92	27.66	00.314	1476.6							
	065	00403	04.80	34.920	27.66		1476.7							
	065	00445	04.74	34.960	27.65		1477.2							
	065	00449	04.47	34.920	27.65		1476.1							
	065	00453	04.43	34.920	27.70		1476.0							
	STD	00500	04.20	34.91	27.71	00.360	1475.8							
	065	00502	04.20	34.910	27.71		1475.5							
	065	00552	04.35	34.910	27.70		1477.3							
	STD	00600	04.34	34.92	27.71	00.405	1476.1							
	065	00601	04.34	34.920	27.71		1476.1							
	065	00651	04.23	34.910	27.71		1476.4							
	STD	00700	04.08	34.92	27.74	00.450	1476.6							
	065	00700	04.08	34.920	27.74		1478.7							
	065	00750	04.15	34.90 P	27.710*									
	STD	00800	04.06	34.91	27.73	00.455	1480.2							
	065	00803	04.05	34.910	27.73		1480.2							
	065	00852	03.82	34.920	27.76		1480.1							
	STD	00900	03.74	34.92	27.77	00.538	1480.6							
	065	00922	03.74	34.920	27.77		1480.6							
	065	00951	03.71	34.910	27.77		1481.3							
	STD	01000	03.70	34.92	27.77	00.580	1482.0							
	065	01001	03.70	34.920	27.78		1482.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOUCC STATION DATA

REFID 3A 8255	YEAR 1973	BOTOP 01964	AIR TEMP 10.6	OIR MGT PER	WIND-OIR 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0200	MONTH 07	SHIP EV	WET BULB 10.8	00 U X	WIND-SPD 14	TRACE OIR 0	5 SQUARE 2
LAT 44 32.7N	DAY 04	DATA USE 1	BARGMETR 1027.9	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 47.0W	MOU 01.7	AREA 05	CLOUD 7/A	CL/7R	WEATHER X4	ORIG 011 445	1 SQUARE 48

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	OYNOPTH	SNO VEL	OXYG	PO4	TOT P4	NO2	NO3	SIO3	PH
31.7	STO	00000	06.97	32.32	25.34	00.000	1475.4							
	OBS	00003	06.97	32.320	25.34		1475.5							
	STO	00010	06.01	32.43	25.35	00.025	1471.5							
	OBS	00011	05.83	32.450	25.38		1471.2							
	STO	00020	05.24	32.47	25.67	00.049	1465.0							
	OBS	00022	04.96	32.480	25.71		1467.9							
	STO	00030	04.36	32.62	25.51	00.072	1464.4							
	OBS	00033	04.02	32.630	25.92		1464.2							
	OBS	00034	03.12	32.860	26.19		1460.8							
	OBS	00049	01.65	33.300	26.66		1455.2							
	STO	00050	01.66	33.31	26.67	00.106	1455.5							
	OBS	00053	01.72	33.340	26.69		1455.6							
	OBS	00057	00.63	33.310	26.73		1450.8							
	OBS	00061	00.33	33.330	26.76		1449.5							
	OBS	00064	00.25	33.450	26.87		1449.4							
	OBS	00068	00.61	33.540	26.92		1451.2							
	OBS	00072	00.75	33.540	26.91		1451.9							
	STO	00075	00.65	33.54	26.92	00.138	1451.4							
	OBS	00076	00.58	33.540	26.92		1451.2							
	OBS	00095	00.06	33.720	27.09		1449.4							
	STO	00100	00.17	33.82	27.17	00.164	1450.1							
	OBS	00102	00.27	33.860	27.19		1450.6							
	OBS	00106	00.46	33.690	27.21		1451.6							
	STO	00125	00.75	34.01	27.28	00.185	1453.4							
	OBS	00125	00.76	34.010	27.29		1453.4							
	STO	00150	01.05	34.11	27.35	00.204	1455.3							
	OBS	00152	01.06	34.120	27.35		1455.5							
	OBS	00175	01.35	34.260	27.45		1457.2							
	STO	00200	01.50	34.36	27.49	00.238	1460.2							
	OBS	00201	01.53	34.370	27.49		1460.4							
	OBS	00228	02.23	34.510	27.58		1462.4							
	OBS	00236	02.51	34.550	27.59		1463.8							
	OBS	00243	03.20	34.620	27.59		1467.0							
	STO	00250	03.22	34.62	27.58	00.267	1467.2							
	OBS	00251	03.23	34.620	27.58		1467.2							
	OBS	00270	03.65	34.710	27.61		1469.4							
	OBS	00278	03.70	34.720	27.62		1465.8							
	OBS	00285	03.88	34.820	27.68		1470.9							
	STO	00300	03.80	34.82	27.68	00.291	1470.7							
	OBS	00304	03.79	34.820	27.65		1470.7							
	OBS	00350	04.29	34.860	27.67		1473.7							
	STO	00400	04.52	34.93	27.72	00.335	1474.7							
	OBS	00409	04.32	34.930	27.72		1474.8							
	OBS	00453	04.29	34.930	27.72		1475.4							
	STO	00500	04.25	34.91	27.71	00.379	1476.0							
	OBS	00502	04.25	34.910	27.71		1476.1							
	OBS	00514	04.24	34.900	27.72		1476.2							
	OBS	00517	04.20	34.900	27.71		1476.1							
	OBS	00523	04.20	34.920	27.72		1476.2							
	OBS	00552	04.20	34.920	27.72		1476.7							
	STO	00600	04.15	34.91	27.72	00.423	1477.3							
	OBS	00601	04.15	34.910	27.72		1477.3							
	OBS	00651	04.15	34.920	27.73		1478.1							
	STO	00700	04.11	34.91	27.72	00.466	1478.8							
	OBS	00700	04.11	34.910	27.72		1478.8							
	OBS	00750	04.12	34.920	27.73		1475.6							
	STO	00800	04.08	34.93	27.74	00.512	1480.3							
	OBS	00803	04.08	34.930	27.74		1480.4							
	OBS	00852	04.04	34.930	27.75		1481.0							
	STO	00900	04.03	34.92	27.74	00.557	1481.6							
	OBS	00902	04.00	34.920	27.74		1481.7							
	OBS	00951	03.94	34.920	27.75		1482.2							
	STO	01000	03.78	34.93	27.77	00.601	1482.4							
	OBS	01001	03.78	34.930	27.77		1482.4							
	OBS	01012	03.77	34.930	27.78		1482.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

M O O C S T A T I O N D A T A														
REFID 31 8555	YEAR 1973	BOTOP 0.158	AIR TEMP 10.2	DIR MGT PER	WIND-DIR 22	INST STD RECORDER	TEN SW 1506							
CONSEC 0261	MONTH 07	SHIP EV	WET BULB 10.2	00 D X	WIND-SPO 15	TRACE DIR	5 SQUARE 2							
LAT 44 31.54	DAY 04	DATA USE 1	BAROMETR 1027.6	SEA	WIND-FOR	DURATION	2 SQUARE 48							
LONG 048 30.24	MOUR 03.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A-	ORIG 011 446	1 SQUARE 48							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	PO4	TGT P	NO2	NO3	SIO3	PH
03.3	STD	00000	06.86	32.28	25.32	00.000	1474.9							
	DBS	00003	06.86	32.280	25.32		1475.0							
	DBS	00007	06.26	32.190	25.33		1472.5							
	STD	00010	05.75	32.27	25.45	00.026	1470.6							
-	DBS	00011	05.53	32.250	25.45		1469.8							
	DBS	00015	05.18	32.260	25.51		1468.4							
	DBS	00019	04.43	32.280	25.61		1465.3							
	STD	00020	04.13	32.28	25.64	00.051	1464.1							
-	DBS	00022	03.27	32.340	25.76		1460.5							
	DBS	00026	02.06	32.550	26.03		1455.0							
	STD	00030	00.70	32.56	26.13	00.072	1449.0							
	DBS	00030	00.57	32.570	26.14		1445.0							
-	DBS	00038	- 0.60	33.120	26.64		1444.5							
	DBS	00045	- 1.17	33.190	26.71		1442.1							
	STD	00050	- 1.23	33.26	26.77	00.104	1442.0							
	DBS	00053	- 1.27	33.300	26.81		1441.9							
-	STD	00075	- 1.23	33.33	26.83	00.135	1442.5							
	DBS	00076	- 1.22	33.330	26.83		1442.6							
	STD	00100	- 1.02	33.50	26.90	00.164	1444.1							
	DBS	00102	- 1.00	33.510	26.97		1444.3							
-	STD	00125	- 0.86	33.54	26.99	00.191	1445.3							
	DBS	00125	- 0.86	33.540	26.99		1445.4							
	STD	00150	- 0.70	33.64	27.06	00.217	1446.0							
	DBS	00152	- 0.69	33.650	27.07		1446.7							
-	DBS	00175	- 0.35	33.670	27.08		1447.6							
	STD	00200	- 0.42	33.76	27.15	00.265	1445.0							
	DBS	00201	- 0.40	33.770	27.15		1445.1							
	DBS	00226	- 0.05	33.850	27.23		1451.3							
-	DBS	00245	00.47	34.020	27.31		1454.1							
	STD	00250	01.11	34.22	27.43	00.305	1457.4							
	DBS	00251	01.19	34.230	27.44		1457.8							
	DBS	00255	01.35	34.230	27.42		1458.5							
-	DBS	00262	01.70	34.240	27.41		1460.2							
	DBS	00278	01.75	34.510	27.46		1460.8							
	STD	00300	02.39	34.50	27.56	00.335	1464.2							
	DBS	00300	02.41	34.500	27.56		1464.3							
-	DBS	00353	02.57	34.520	27.56		1465.9							
	STD	00400	03.19	34.70	27.65	00.387	1465.6							
	DBS	00403	03.23	34.710	27.65		1469.9							
	DBS	00455	03.61	34.820	27.70		1472.4							
-	STD	00500	03.77	34.86	27.72	00.433	1474.0							
	DBS	00502	03.78	34.860	27.72		1474.0							
	DBS	00552	03.86	34.850	27.70		1475.2							
	STD	00600	03.83	34.86	27.71	00.477	1475.9							
-	DBS	00601	03.83	34.860	27.71		1475.5							
	DBS	00654	03.83	34.850	27.71		1476.7							
	STD	00700	03.85	34.88	27.73	00.521	1477.6							
	DBS	00700	03.85	34.880	27.73		1477.6							
-	DBS	00750	03.85	34.510	27.75		1476.5							
	STD	00800	03.83	34.51	27.75	00.565	1479.2							
	DBS	00803	03.83	34.510	27.75		1479.3							
	DBS	00852	03.83	34.910	27.75		1480.1							
-	STD	00900	03.86	34.51	27.75	00.608	1481.0							
	DBS	00902	03.86	34.510	27.75		1481.1							
	DBS	00951	03.83	34.920	27.76		1481.8							
	STD	01000	03.83	34.92	27.76	00.652	1482.6							
-	DBS	01001	03.83	34.920	27.76		1482.6							
	DBS	01012	03.83	34.910	27.75		1482.8							

REFID 31 8555	YEAR 1973	BOTOP 00270	AIR TEMP 10.1	DIR MGT PER	WIND-DIR 22	INST STD RECORDER	TEN SW 1506							
CONSEC 0262	MONTH 07	SHIP EV	WET BULB 10.1	00 D X	WIND-SPO 12	TRACE DIR	5 SQUARE 2							
LAT 44 33.54	DAY 04	DATA USE 1	BAROMETR 1027.6	SEA	WIND-FOR	DURATION	2 SQUARE 48							
LONG 049 03.04	MOUR 04.8	AREA 05	CLOUD T/A	CL/TR	WEATHER A-	ORIG 011 447	1 SQUARE 49							
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
04.8	STD	00000	06.76	32.43	25.45	00.000	1474.8							
	DBS	00003	06.78	32.430	25.45		1474.9							
	STD	00010	06.78	32.43	25.44	00.025	1475.0							
	DBS	00019	06.79	32.420	25.44		1475.1							
-	STD	00020	06.32	32.42	25.50	00.051	1473.3							
	DBS	00026	05.23	32.400	25.82		1460.5							
	STD	00030	04.20	32.65	26.17	00.072	1452.5							
	DBS	00034	- 0.25	32.860	26.41		1445.7							
-	DBS	00038	- 0.74	32.550	26.51		1445.6							
	STD	00050	- 1.27	33.05	26.63	00.105	1441.6							
	DBS	00053	- 1.36	33.110	26.65		1441.2							
	STD	00075	- 1.46	33.14	26.68	00.140	1441.2							
-	DBS	00076	- 1.46	33.140	26.68		1441.2							
	DBS	00087	- 1.48	33.150	26.69		1441.3							
	STD	00100	- 1.46	33.15	26.69	00.174	1441.6							
	DBS	00102	- 1.46	33.150	26.69		1441.6							
-	STD	00125	- 1.44	33.19	26.72	00.207	1442.1							
	DBS	00125	- 1.44	33.190	26.72		1442.1							
	STD	00150	- 1.35	33.25	26.77	00.240	1443.1							
	DBS	00152	- 1.34	33.260	26.78		1443.2							
-	DBS	00175	- 1.18	33.340	26.84		1444.4							
	STD	00200	- 0.94	33.47	26.93	00.300	1446.1							
	DBS	00201	- 0.92	33.480	26.94		1446.3							
	DBS	00228	- 0.44	33.680	27.08		1445.2							
-	STD	00250	00.01	33.79	27.15	00.351	1451.8							
	DBS	00251	00.05	33.820	27.17		1452.0							
	DBS	00255	00.20	33.540	27.26		1452.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 0255	YEAR 1973	BOTOP 00070	AIR TEMP 11.2	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 130A
CONSEC 0205	MONTH 07	SHIP EV	WET BULB 11.2	00 0 X	WIND-SPD 10	TRACE DIR	5 SQUARE 2
LAT 44 34.0N	DAY 04	DATA USE 1	BAROMETR 1027.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 045 09.2W	MOJA 05.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 448	1 SQUARE 49

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
05.5	STD	00000	07.32	32.30	25.32	00.000	1476.8							
	085	00000	07.32	32.30	25.32		1476.9							
	085	00007	06.00	32.400	25.52		1471.8							
	STD	00010	05.74	32.44	25.55	00.025	1470.8							
	085	00011	05.60	32.450	25.61		1470.3							
	085	00015	05.28	32.430	25.63		1465.0							
	085	00019	04.76	32.350	25.66		1460.5							
	STD	00020	04.45	32.35	25.65	00.049	1465.5							
	085	00022	03.51	32.270	25.65		1461.5							
	STD	00030	03.64	32.70	26.26	00.070	1450.5							
	085	00030	03.77	32.770	26.24		1453.2							
	085	00034	03.47	32.750	26.32		1448.9							
	085	00036	- 0.10	32.680	26.43		1446.2							
	STD	00050	- 0.77	32.50	26.53	00.102	1445.7							
	085	00053	- 0.86	33.000	26.55		1443.3							
	085	00072	- 1.01	33.000	26.56		1443.0							

REFID 31 0255	YEAR 1973	BOTOP 00058	AIR TEMP 12.5	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 1306
CONSEC 0204	MONTH 07	SHIP EV	WET BULB 12.5	24 0 2	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 44 34.2N	DAY 04	DATA USE 1	BAROMETR 1026.9	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 045 20.4W	MOJA 06.7	AREA 05	CLOUD T/A	CL/TA	WEATHER X4	ORIG 011 449	1 SQUARE 49

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
06.7	STD	00000	10.47	32.30	24.79	00.000	1486.6							
	085	00003	10.47	32.300	24.79		1486.7							
	085	00007	10.38	32.280	24.79		1486.4							
	STD	00010	09.68	32.22	24.86	00.031	1485.8							
	085	00011	09.24	32.200	24.92		1484.1							
	STD	00020	09.06	32.35	25.13	00.059	1468.1							
	085	00022	04.36	32.450	25.76		1464.1							
	085	00026	02.57	32.520	23.53		1455.5							
	STD	00030	01.33	32.73	26.23	00.080	1452.7							
	085	00034	- 0.15	32.930	26.47		1446.3							
	085	00049	- 0.44	33.000	26.53		1445.3							

REFID 31 0355	YEAR 1973	BOTOP 00250	AIR TEMP 14.2	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0205	MONTH 07	SHIP EV	WET BULB 13.4	00 0 X	WIND-SPD 10	TRACE DIR	5 SQUARE 2
LAT 45 50.3N	DAY 04	DATA USE 1	BAROMETR 1027.4	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 045 15.8W	MOJA 11.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 450	1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
11.4	STD	00000	09.66	32.43	25.02	00.000	1485.0							
	085	00003	09.66	32.420	25.02		1485.9							
	085	00007	07.99	32.503	25.34		1479.0							
	STD	00010	07.71	32.41	25.31	00.028	1478.0							
	085	00011	07.32	32.394	25.35		1477.1							
	085	00015	05.46	32.481	25.65		1465.8							
	085	00019	04.22	32.586	25.67		1464.8							
	STD	00020	04.12	32.61	25.90	00.052	1464.5							
	085	00022	03.94	32.648	25.95		1463.8							
	085	00026	03.85	32.640	25.94		1463.7							
	STD	00030	02.72	32.64	26.05	00.072	1458.7							
	085	00030	02.55	32.643	26.06		1456.1							
	085	00034	02.04	32.644	26.11		1455.8							
	085	00038	01.28	32.660	26.17		1452.5							
	085	00045	00.32	32.862	26.39		1446.5							
	STD	00050	00.07	32.87	26.41	00.108	1447.5							
	085	00053	- 0.10	32.883	26.43		1446.8							
	085	00072	- 0.75	32.994	26.54		1444.2							
	STD	00075	- 0.95	33.03	26.55	00.147	1443.4							
	085	00076	- 1.02	33.002	26.56		1443.0							
	085	00091	- 1.48	33.135	26.68		1441.3							
	STD	00100	- 1.45	33.17	26.70	00.183	1441.6							
	085	00102	- 1.44	33.175	26.71		1441.7							
	STD	00125	- 1.36	33.24	26.76	00.218	1442.6							
	085	00125	- 1.36	33.246	26.76		1442.6							
	085	00140	- 1.27	33.330	26.83		1443.4							
	STD	00150	- 1.16	33.34	26.83	00.247	1444.1							
	085	00152	- 1.14	33.345	26.84		1444.2							
	085	00175	- 0.54	33.460	26.92		1445.7							
	085	00190	- 0.81	33.540	26.98		1446.7							
	085	00198	- 0.43	33.625	27.04		1448.7							
	STD	00200	- 0.37	33.65	27.05	00.302	1445.0							
	085	00201	- 0.31	33.667	27.07		1445.3							
	085	00220	00.37	33.627	27.16		1453.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REF ID 34 6555	YEAR 1973	BOTOP 00271	AIR TEMP 16.2	DIR HGT PER	WIND-DIR 03	INST SIO RECORDER	TEN SQ 1306
CONSEC 0266	MONTH 07	SHIP EV	WET BULB 15.5	00 0 X	WIND-SPD 14	TRACE DIR	5 SQUARE 2
LAT 43 45.5N	DAY 04	DATA USE 1	BAROMETR 1027.8	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 049 07.2W	MOOR 12.2	AREA 05	CLOUD T/A	CL/TR	WEATHER 14	ORIG 011 451	1 SQUARE 39

CAS	TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTIC	SNO VEL	ORYG	PO4	TOT P	NO2	NO3	SIO3	PH
		STO	00000	09.21	32.44	25.10	00.000	1484.2							
12.2		085	00003	09.21	32.438	25.10		1484.2							
		085	00007	08.55	32.424	25.19		1481.8							
		STO	00010	07.56	32.45	25.30	00.028	1475.6							
		085	00011	07.56	32.458	25.36		1478.1							
		085	00015	06.23	32.414	25.51		1472.8							
		085	00019	05.40	32.492	25.67		1469.6							
		STO	00020	05.26	32.50	25.68	00.053	1465.2							
		085	00022	05.03	32.507	25.72		1468.2							
		085	00026	04.50	32.531	25.75		1467.7							
		STO	00030	04.52	32.53	25.79	00.075	1466.2							
		085	00030	04.40	32.526	25.80		1465.7							
		085	00034	03.02	32.595	25.96		1463.3							
		085	00038	02.34	32.686	26.12		1457.2							
		085	00045	00.38	32.855	26.38		1448.6							
		085	00049	00.00	32.967	26.49		1447.3							
		STO	00050	- 0.01	32.97	26.49	00.113	1447.2							
		085	00053	- 0.11	32.958	26.49		1446.8							
		085	00057	- 0.85	32.944	26.53		1443.5							
		085	00060	- 1.16	33.023	26.58		1442.2							
		STO	00075	- 2.43	33.09	26.64	00.150	1441.2							
		085	00076	- 1.44	33.093	26.64		1441.2							
		085	00055	- 1.50	33.125	26.67		1441.5							
		STO	00100	- 1.48	33.14	26.68	00.185	1441.5							
		085	00102	- 1.47	33.145	26.65		1441.6							
		STO	00125	- 1.45	33.15	26.72	00.218	1442.1							
		085	00125	- 1.45	33.191	26.72		1442.1							
		085	00148	- 1.11	33.335	26.83		1444.3							
		STO	00150	- 1.10	33.33	26.82	00.250	1444.3							
		085	00152	- 1.09	33.327	26.82		1444.4							
		085	00163	- 0.95	33.441	26.91		1445.4							
		085	00167	- 0.64	33.516	26.96		1447.0							
		085	00175	- 0.53	33.541	26.97		1447.7							
		STO	00200	00.18	33.73	27.10	00.305	1451.7							
		085	00201	00.36	33.761	27.11		1452.5							
		085	00205	00.80	33.824	27.13		1454.7							
		085	00224	01.54	33.959	27.19		1458.5							
		085	00228	01.54	33.966	27.20		1458.6							
		085	00247	01.62	34.043	27.26		1459.3							
		STO	00250	01.98	34.08	27.26	00.350	1461.3							
		085	00251	02.09	34.093	27.26		1461.6							
		085	00255	02.11	34.098	27.26		1461.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOODC STATION DATA

REFID 51 8555	YEAR 1973	BOATOP 00520	AIR TEMP 13.2	DIR MGT PER	WIND-DIR 24	INST STD RECORDER	TEN 50 1506
CGNSEC 0227	MCNTH 07	SHIP EV	WET BULB 13.2	06 0 2	WIND-SPO 14	TRACE DTR 0	5 SQUARE 2
LAT 43 50.1N	DAY 04	DATA USE 1	BAROMETR 1027.4	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 56.8W	MOUR 15.3	AREA 05	CLOUD 7/A	CL/TA	WEATHER 44	ORIG 011 452	1 SQUARE 30

C&STNUN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	STO3	PH
13.3	STD	00300	08.01	32.51	25.22	00.000	1482.8							
	OBS	00305	08.01	32.510	25.22		1462.8							
	OBS	00307	07.75	32.550	25.25		1476.0							
	STD	00010	07.37	32.40	25.34	00.027	1477.2							
	OBS	00011	06.99	32.420	25.41		1475.0							
	OBS	00015	05.38	32.400	25.64		1465.4							
	OBS	00019	04.13	32.390	25.72		1464.2							
	STD	00020	03.54	32.46	25.84	00.051	1461.7							
	OBS	00026	00.79	32.800	26.31		1450.3							
	STD	00030	00.27	32.86	26.35	00.070	1448.0							
	OBS	00030	00.21	32.870	26.40		1447.8							
	OBS	00045	- 0.69	32.900	26.52		1442.6							
	OBS	00049	- 1.23	32.990	26.55		1441.6							
	STD	00050	- 1.24	32.99	26.55	00.101	1441.6							
	OBS	00053	- 1.28	32.990	26.56		1441.4							
	OBS	00072	- 1.48	33.100	26.65		1441.0							
	STD	00075	- 1.47	33.11	26.66	00.137	1441.1							
	OBS	00076	- 1.46	33.110	26.66		1441.1							
	OBS	00091	- 1.45	33.120	26.66		1441.5							
	OBS	00095	- 1.20	33.130	26.67		1442.7							
	STD	00100	- 1.23	33.13	26.67	00.172	1442.6							
	OBS	00102	- 1.25	33.130	26.67		1442.6							
	STD	00125	- 1.42	33.19	26.72	00.206	1442.2							
	OBS	00125	- 1.42	33.190	26.72		1442.2							
	STD	00150	- 1.30	33.20	26.73	00.239	1443.2							
	OBS	00152	- 1.29	33.210	26.73		1443.3							
	OBS	00175	- 1.22	33.350	26.84		1444.2							
	STD	00200	- 0.82	33.53	26.98	00.259	1446.8							
	OBS	00201	- 0.76	33.550	26.99		1447.1							
	OBS	00228	00.57	33.870	27.19		1454.1							
	OBS	00232	00.91	33.950	27.23		1455.0							
	OBS	00239	02.11	34.170	27.32		1461.6							
	STD	00260	02.28	34.16	27.30	00.345	1462.5							
	OBS	00251	02.31	34.160	27.30		1462.6							
	OBS	00255	02.40	34.250	27.35		1463.2							
	OBS	00260	03.08	34.370	27.40		1466.5							
	OBS	00281	03.33	34.430	27.42		1467.9							
	OBS	00284	03.52	34.490	27.45		1468.9							
	OBS	00297	03.57	34.510	27.46		1469.3							
	STD	00300	03.36	34.52	27.49	00.381	1468.4							
	OBS	00300	03.31	34.520	27.50		1468.2							
	OBS	00308	02.92	34.450	27.48		1466.6							
	OBS	00342	03.39	34.580	27.54		1469.3							
	OBS	00346	03.06	34.570	27.56		1468.0							
	OBS	00350	03.05	34.580	27.57		1468.0							
	OBS	00361	03.20	34.630	27.59		1468.9							
	OBS	00373	03.59	34.72 P	27.630									
	STD	00400	03.67	34.70	27.60	00.439	1471.6							
	OBS	00403	03.68	34.700	27.60		1471.7							
	OBS	00453	03.52	34.740	27.61		1473.6							
	STD	00500	04.00	34.77	27.62	00.492	1474.8							
	OBS	00502	04.00	34.770	27.62		1474.8							
	OBS	00521	04.00	34.780	27.63		1475.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NODC STATION DATA

REFID 51 0555 YEAR 1973 BOTOP 02580 AIR TEMP 11.6 DIR MGT PER WIND-DIR 26 INST STO RECOROER TEN SQ 1336
CONSEC 0200 MONTH 07 SHIP EV WET BULB 11.1 00 0 X WIND-SPD 14 TRACE DIR 0 5 SQUARE 2
LAT +3 51.34 DAY 04 DATA USE 1 BAROMETER 1027.2 SEA WIND-FOR OURATION 2 2 SQUARE 26
LONG 048 43 W HOUR 14.8 AREA 05 CLOUD 1/A CL/TRK WEATHER 24 ORIG 011 453 1 SQUARE 56

CASNUM/TIME	LVLTP	DEP7M	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DRYG	PC4	TOT P	NO2	NO3	SIO3	PH
14.6	STO	00000	07.06	32.35	25.38	00.000	1475.9							
	065	00003	07.06	32.350	25.38		1475.9							
	085	00007	06.51	32.340	25.41		1473.7							
	STO	00010	05.73	32.37	25.53	00.025	1470.7							
	085	00011	05.39	32.380	25.58		1469.3							
	085	00015	04.51	32.380	25.63		1467.4							
	STO	00020	03.52	32.55	25.93	00.048	1461.0							
	085	00022	02.70	32.630	26.04		1458.5							
	085	00026	02.22	32.700	26.14		1456.5							
	STO	00030	01.60	32.74	26.21	00.068	1453.9							
	085	00030	01.49	32.750	26.23		1453.4							
	085	00034	00.46	32.910	26.42		1449.1							
	085	00045	- 0.84	33.060	26.60		1445.5							
	085	00049	- 0.97	33.080	26.62		1442.9							
	STO	00050	- 0.94	33.09	26.63	00.100	1443.1							
	085	00053	- 0.81	33.140	26.66		1443.8							
	085	00057	- 0.78	33.150	26.67		1444.1							
	085	00064	- 1.25	33.190	26.72		1441.8							
	085	00066	- 1.28	33.260	26.76		1441.6							
	STO	00075	- 1.31	33.32	26.82	00.133	1442.1							
	085	00076	- 1.30	33.320	26.83		1442.2							
	STO	00100	- 0.96	33.52	26.98	00.162	1444.4							
	085	00102	- 0.92	33.540	26.99		1444.7							
	STO	00125	- 0.62	33.66	27.07	00.186	1446.6							
	085	00125	- 0.61	33.659	27.07		1446.6							
	STO	00150	- 0.47	33.88	27.08	00.213	1447.8							
	085	00152	- 0.48	33.880	27.08		1447.5							
	085	00175	- 0.27	33.760	27.14		1445.2							
	STO	00200	- 0.07	33.84	27.20	00.255	1450.6							
	085	00201	- 0.05	33.853	27.20		1450.8							
	085	00228	00.49	34.020	27.31		1453.9							
	STO	00250	00.64	34.02	27.33	00.301	1455.0							
	085	00251	00.66	34.020	27.30		1455.1							
	085	00258	00.83	34.205	27.44		1456.2							
	085	00262	01.20	34.236	27.44		1458.3							
	085	00277	01.70	34.240	27.41		1460.5							
	STO	00300	02.05	34.38	27.49	00.336	1462.5							
	085	00300	02.04	34.380	27.49		1462.5							
	085	00350	02.40	34.670	27.65		1467.8							
	STO	00400	03.38	34.71	27.64	00.391	1470.4							
	085	00403	03.40	34.716	27.64		1470.6							
	085	00453	03.61	34.810	27.70		1472.4							
	STO	00500	03.81	34.84	27.70	00.438	1474.1							
	085	00502	03.82	34.840	27.70		1474.2							
	085	00552	03.87	34.845	27.70		1475.2							
	STO	00600	03.90	34.85	27.73	00.482	1476.2							
	085	00601	03.90	34.850	27.73		1476.2							
	085	00631	03.87	34.910	27.75		1476.9							
	STO	00700	03.85	34.92	27.76	00.523	1477.7							
	085	00700	03.85	34.916	27.76		1477.7							
	085	00750	03.81	34.917	27.76		1478.3							
	STO	00800	03.79	34.92	27.77	00.566	1479.1							
	085	00803	03.79	34.922	27.77		1479.1							
	085	00852	03.79	34.920	27.77		1480.0							
	STO	00900	03.77	34.93	27.78	00.607	1480.7							
	085	00902	03.77	34.930	27.78		1480.7							
	085	00951	03.75	34.920	27.77		1481.4							
	STO	01000	03.77	34.93	27.78	00.645	1482.3							
	085	01001	03.77	34.930	27.78		1482.4							
	STO	01100	03.75	34.92	27.77	00.692	1483.9							
	085	01100	03.75	34.922	27.77		1483.9							
	STO	01200	03.75	34.93	27.78	00.736	1485.6							
	085	01203	03.75	34.930	27.78		1485.7							
	085	01214	03.75	34.937	27.78		1485.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8353	YEAR 1973	60TOP 35187	AIR TEMP 13.0	DIR MGT PER	WIND-DIR 23	INST STO RECORDER	TEN S4 1306
CONSEC 0205	MONTH 07	SHIP EV	WET BULB 13.0	00 0 K	WIND-SPO 13	TRACE DIR 0	5 SQUARE 2
LAT 43 53 N	CAY 04	DATA USE 1	BAROMETER 1027.9	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 048 27.2W	MOJA 17.1	AREA 05	CLOUD T/A	CL7TR	WEATHER A4	ORIG 011 454	1 SQUARE 38

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	GYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	ST03	PH
17.1	ST0	00000	07.85	32.42	25.33	00.000	1477.8							
	085	00033	07.55	32.418	25.33		1477.9							
	ST0	00060	06.30	32.41	25.49	00.026	1473.0							
	085	00011	06.10	32.403	25.51		1472.2							
	085	00019	05.71	32.437	25.55		1473.8							
	ST0	00020	05.40	32.48	25.66	00.050	1465.6							
	085	00022	05.17	32.505	25.71		1468.8							
	ST0	00030	04.38	32.60	25.66	00.072	1465.7							
	085	00030	04.31	32.606	25.88		1465.4							
	085	00034	03.76	32.670	25.48		1463.3							
	085	00038	02.68	32.800	26.16		1460.2							
	085	00045	01.86	32.987	26.35		1455.7							
	ST0	00050	01.75	32.95	26.44	00.110	1455.2							
	085	00053	00.67	33.057	26.51		1451.5							
	085	00057	- 0.07	33.206	26.88		1447.4							
	085	00064	- 0.77	33.325	26.81		1444.5							
	ST0	00075	- 0.59	33.33	26.82	00.146	1443.6							
	085	00076	- 1.01	33.336	26.83		1443.6							
	085	00083	- 1.07	33.466	26.93		1443.6							
	ST0	00100	- 0.96	33.53	26.96	00.175	1444.5							
	085	00102	- 0.63	33.544	26.95		1444.7							
	ST0	00125	- 0.59	33.68	27.09	00.201	1446.8							
	085	00125	- 0.58	33.681	27.09		1446.9							
	ST0	00150	- 0.25	33.82	27.18	00.224	1445.0							
	085	00152	- 0.17	33.832	27.19		1445.4							
	085	00159	00.16	33.885	27.22		1451.1							
	085	00175	00.39	33.982	27.25		1452.5							
	ST0	00200	01.25	34.14	27.36	00.265	1457.1							
	085	00213	01.55	34.157	27.38		1456.7							
	085	00228	01.76	34.240	27.40		1459.9							
	ST0	00250	01.88	34.36	27.49	00.258	1461.0							
	085	00251	01.89	34.367	27.50		1461.0							
	085	00277	02.33	34.487	27.56		1463.6							
	ST0	00300	02.50	34.50	27.55	00.328	1464.7							
	085	00300	02.51	34.504	27.55		1464.8							
	085	00316	02.76	34.680	27.67		1466.3							
	085	00319	03.06	34.700	27.66		1467.7							
	085	00350	03.41	34.718	27.64		1465.7							
	ST0	00400	03.87	34.82	27.68	00.379	1472.6							
	085	00403	03.89	34.822	27.68		1472.8							
	085	00453	04.03	34.850	27.69		1474.2							
	ST0	00500	04.03	34.87	27.70	00.425	1475.1							
	085	00502	04.04	34.870	27.70		1475.1							
	085	00552	04.40	34.922	27.70		1477.5							
	ST0	00600	04.50	34.92	27.69	00.471	1478.7							
	085	00631	04.50	34.925	27.65		1478.8							
	085	00651	04.42	34.922	27.70		1475.3							
	ST0	00700	04.32	34.92	27.71	00.518	1475.6							
	085	00703	04.32	34.920	27.71		1479.7							
	085	00750	04.25	34.920	27.71		1480.4							
	ST0	00800	04.22	34.92	27.72	00.565	1480.5							
	085	00803	04.22	34.920	27.72		1480.9							
	085	00852	04.15	34.910	27.72		1481.5							
	ST0	00900	04.03	34.92	27.74	00.611	1481.8							
	085	00902	04.03	34.917	27.74		1481.8							
	085	00951	04.03	34.925	27.74		1482.6							
	ST0	01000	04.00	34.91	27.74	00.657	1483.3							
	085	01001	04.00	34.910	27.74		1483.3							
	ST0	01100	03.53	34.92	27.75	00.703	1484.7							
	085	01100	03.93	34.917	27.75		1484.7							
	ST0	01200	03.86	34.93	27.77	00.745	1486.1							
	085	01203	03.86	34.930	27.77		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 01 0355 Year 1973 BOTOP 03252 AIR TEMP 13.2 UIR MGT PER WIND-DIR 20 INST STO RECORDER TEN SW 1300
CONSEC 0270 MONTH 07 SHIP EV WET BULB 13.2 00 0 X WIND-SPO 13 TRACE DIR D 5 SQUARE 2
LAT 43 50.84 DAY 04 DATA USE 1 BAROMETR 1025.3 SEA WIND-FOR DURATION 2 SQUARE 28
LONG 048 12.7W HOUR 18.8 AREA 05 CLOUD T/A CL/TA WEATHER X4 ORIG 011 455 1 SQUARE 58

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYX	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	06.78	32.39	25.14	00.000	1482.5							
10.0	085	00003	08.78	32.393	25.14		1482.6							
	085	00007	07.59	32.241	25.19		1477.9							
	STO	00010	06.69	32.25	25.32	00.028	1474.4							
	085	00011	06.15	32.268	25.40		1472.3							
	085	00015	02.51	32.483	25.91		1455.1							
	STO	00020	02.23	32.55	26.00	00.051	1450.2							
	085	00022	00.74	32.670	26.21		1449.6							
	085	00026	- 0.26	32.877	26.43		1445.6							
	STO	00030	- 0.45	32.95	26.50	00.065	1444.9							
	085	00033	- 0.48	32.960	26.50		1444.7							
	085	00034	- 0.70	32.976	26.53		1443.8							
	085	00038	- 1.23	33.018	26.58		1441.4							
	STO	00050	- 1.37	33.11	26.65	00.098	1441.1							
	085	00053	- 1.40	33.124	26.67		1441.0							
	085	00060	- 1.45	33.145	26.68		1441.0							
	085	00068	- 1.39	33.182	26.71		1441.4							
	085	00072	- 1.06	33.195	26.71		1443.1							
	STO	00075	- 1.03	33.23	26.74	00.132	1443.5							
	085	00076	- 1.02	33.248	26.76		1443.4							
	085	00095	- 1.02	33.472	26.54		1444.0							
	085	00099	00.54	33.646	27.01		1451.5							
	STO	00100	02.64	35.65	27.01	00.161	1452.0							
	085	00102	00.51	33.680	27.01		1453.3							
	085	00106	02.63	33.880	27.05		1461.2							
	085	00114	03.14	33.936	27.05		1463.6							
	085	00121	04.42	34.140	27.08		1465.5							
	STO	00125	04.83	34.21	27.09	00.187	1471.3							
	085	00125	04.85	34.220	27.09		1471.6							
	085	00140	05.05	34.225	27.08		1472.5							
	085	00148	05.35	34.367	27.15		1474.0							
	STO	00150	05.36	34.36	27.15	00.211	1474.1							
	085	00152	05.37	34.360	27.15		1474.2							
	085	00171	05.32	34.383	27.17		1474.3							
	085	00175	05.05	34.333	27.16		1473.2							
	085	00178	04.95	34.370	27.20		1472.9							
	085	00186	05.20	34.490	27.27		1474.2							
	STO	00200	05.30	34.51	27.27	00.256	1474.9							
	085	00201	05.30	34.513	27.28		1474.9							
	085	00226	05.05	34.550	27.33		1474.4							
	085	00243	04.61	34.507	27.35		1472.8							
	STO	00250	05.25	34.66	27.40	00.294	1475.7							
	085	00251	05.34	34.680	27.40		1476.1							
	085	00255	05.53	34.705	27.40		1477.0							
	085	00277	05.50	34.713	27.41		1477.2							
	STO	00300	05.45	34.83	27.51	00.328	1477.6							
	085	00300	05.45	34.830	27.51		1477.6							
	085	00304	05.54	34.845	27.51		1477.9							
	085	00319	05.61	34.907	27.52		1479.4							
	085	00350	05.23	34.860	27.56		1477.5							
	STO	00400	05.08	34.93	27.63	00.385	1477.8							
	085	00403	05.07	34.930	27.63		1477.9							
	085	00453	05.04	34.914	27.62		1478.5							
	STO	00500	04.86	34.91	27.64	00.437	1478.6							
	085	00502	04.86	34.912	27.64		1478.6							
	085	00552	04.86	34.940	27.67		1479.5							
	STO	00600	04.61	34.92	27.68	00.487	1479.2							
	085	00601	04.60	34.918	27.68		1479.2							
	085	00651	04.46	34.912	27.65		1479.4							
	STO	00700	04.46	34.92	27.70	00.536	1480.2							
	085	00700	04.46	34.923	27.70		1480.2							
	085	00750	04.34	34.915	27.70		1480.6							
	STO	00800	04.25	34.92	27.72	00.584	1481.0							
	085	00803	04.25	34.920	27.72		1481.1							
	085	00852	04.24	34.922	27.72		1481.9							
	STO	00900	04.21	34.92	27.72	00.631	1482.5							
	085	00902	04.21	34.920	27.72		1482.5							
	085	00951	04.13	34.910	27.72		1483.0							
	STO	01000	04.03	34.91	27.73	00.678	1483.4							
	085	01001	04.03	34.910	27.73		1483.4							
	STO	01100	03.51	34.93	27.77	00.724	1484.6							
	085	01100	03.91	34.935	27.77		1484.6							
	STO	01200	03.85	34.93	27.77	00.768	1486.0							
	085	01203	03.85	34.934	27.77		1486.1							
	085	01206	03.86	34.927	27.76		1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 0155	YEAR 1973	BOTOP 33035	AIR TEMP 16.4	DIR MGT PER	WIND-DIR 24	INST STO RECORDER	TEN SQ 1306
CONSEC 0271	MONTH 07	SHIP EV	WET BULB 15.5	00 0 X	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 43 50 N	DAY 04	DATA USE 1	BAROMETR 1027.5	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 59.2W	HOOR 20.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 456	1 SQUARE 37

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.0	STO	00000	13.70	32.59	24.72	00.000	1500.7							
	085	00003	13.70	32.992	24.72		1500.8							
	STO	00010	13.57	33.21	24.92	00.031	1500.7							
	085	00011	13.54	33.216	24.92		1500.6							
	085	00015	12.55	33.144	25.06		1497.3							
	085	00016	11.53	33.713	25.73		1493.8							
	STO	00020	11.22	33.78	25.81	00.056	1493.5							
	085	00022	10.51	33.808	25.88		1492.5							
	085	00026	08.87	33.438	25.94		1484.6							
	STO	00030	08.40	33.70	26.22	00.078	1483.3							
	085	00030	08.27	33.718	26.25		1482.8							
	085	00034	06.75	33.608	26.38		1476.8							
	085	00038	06.84	34.000	26.67		1477.7							
	085	00041	06.80	34.020	26.69		1477.9							
	085	00045	08.83	34.726	26.55		1466.5							
	STO	00050	05.54	34.89	26.96	00.107	1485.4							
	085	00053	05.60	34.910	26.97		1485.7							
	085	00064	06.59	34.547	26.98		1477.6							
	STO	00075	06.40	34.35	27.01	00.134	1477.1							
	085	00076	06.38	34.350	27.01		1477.0							
	085	00081	06.87	34.510	27.07		1479.4							
	085	00095	07.61	34.654	27.11		1482.6							
	STO	00100	07.61	34.65	27.11	00.160	1482.7							
	085	00102	07.62	34.650	27.11		1482.7							
	085	00110	07.67	34.700	27.11		1483.1							
	085	00114	07.04	34.573	27.10		1480.5							
	STO	00125	06.91	34.57	27.11	00.184	1480.2							
	085	00125	06.50	34.570	27.11		1480.2							
	STO	00150	06.91	34.55	27.13	00.205	1480.6							
	085	00156	06.51	34.590	27.13		1480.7							
	085	00163	06.70	34.570	27.14		1480.0							
	085	00167	06.83	34.580	27.13		1480.6							
	085	00175	06.74	34.580	27.14		1480.3							
	STO	00200	06.05	34.57	27.23	00.255	1478.0							
	085	00201	06.04	34.570	27.23		1478.0							
	085	00205	06.04	34.580	27.24		1478.1							
	085	00209	06.54	34.730	27.29		1480.3							
	085	00213	06.54	34.720	27.28		1480.4							
	085	00217	06.34	34.700	27.29		1479.6							
	085	00226	06.29	34.694	27.29		1475.6							
	085	00243	05.58	34.692	27.33		1478.6							
	STO	00250	06.11	34.71	27.33	00.297	1475.3							
	085	00251	06.13	34.715	27.33		1475.4							
	085	00277	05.82	34.710	27.37		1478.5							
	085	00293	05.56	34.760	27.35		1475.4							
	STO	00300	05.73	34.75	27.39	00.335	1478.5							
	085	00300	05.70	34.725	27.35		1478.4							
	085	00331	05.05	34.700	27.45		1476.3							
	085	00350	05.43	34.865	27.54		1478.4							
	085	00354	05.70	34.920	27.55		1475.6							
	STO	00400	05.57	34.92	27.57	00.401	1479.8							
	085	00405	05.56	34.922	27.57		1479.8							
	085	00453	05.45	34.917	27.58		1480.2							
	085	00456	05.40	34.923	27.55		1480.1							
	STO	00500	05.70	34.96	27.59	00.456	1482.1							
	085	00502	05.71	34.980	27.59		1482.2							
	085	00552	05.60	34.980	27.61		1482.5							
	STO	00600	05.16	34.98	27.66	00.513	1481.5							
	085	00601	05.15	34.980	27.66		1481.5							
	085	00651	05.12	34.990	27.67		1482.2							
	STO	00700	04.88	34.97	27.69	00.563	1482.0							
	085	00700	04.88	34.970	27.69		1482.0							
	STO	00800	04.46	34.94	27.71	00.612	1482.0							
	085	00803	04.48	34.940	27.71		1482.1							
	STO	00900	04.45	34.93	27.70	00.661	1483.5							
	085	00902	04.45	34.930	27.70		1483.6							
	085	00951	04.36	34.930	27.71		1484.0							
	STO	01000	04.34	34.94	27.72	00.710	1484.8							
	085	01001	04.34	34.940	27.72		1484.8							
	STO	01100	04.03	34.92	27.74	00.758	1485.1							
	085	01100	04.03	34.923	27.74		1485.1							
	STO	01200	04.00	34.91	27.74	00.806	1486.6							
	085	01203	03.58	34.912	27.74		1486.6							
	085	01206	03.65	34.915	27.75		1486.5							
	085	01225	03.90	34.918	27.75		1486.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 8555	YEAR 1973	BDTOP 05840	AIR TEMP 15.5	LIR HGT PEP	WIND-DIR 22	INST STO RECORDER	TEN SU 1506
CONSEC 0272	MONTH 07	SHP EV	WE7 BULB 15.5	03 0 X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 45 49.4N	DAY 04	DATA USE 1	BAROMETR 1028.2	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 44.4W	HOUR 22.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 457	1 SQUARE 37

CSTNO/M/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OMPH	SNO VEL	OXYG	P04	TOT P	M02	M03	S103	PH
22.8	STO	00000	14.04	32.46	24.24	00.000	1501.2							
	085	00007	14.04	32.463	24.24		1501.3							
	STO	00010	11.62	32.65	24.80	00.034	1493.4							
	085	00011	10.58	32.731	25.11		1489.8							
	085	00019	05.64	32.855	25.36		1486.6							
	STO	00020	09.30	32.62	25.38	00.063	1485.6							
	085	00022	08.38	32.785	25.50		1481.9							
	085	00026	06.50	32.858	25.84		1475.0							
	STO	00030	05.26	33.04	26.12	00.085	1470.0							
	085	00030	05.12	33.057	26.15		1465.4							
	085	00034	04.53	33.145	26.28		1467.1							
	085	00045	03.21	33.314	26.54		1462.0							
	STO	00050	03.38	33.40	26.60	00.119	1462.5							
	085	00053	03.51	33.596	26.74		1463.8							
	085	00057	04.54	33.548	26.87		1470.3							
	085	00060	05.45	34.018	26.86		1472.7							
	085	00064	05.61	34.075	26.89		1473.3							
	085	00068	05.95	34.153	26.91		1474.9							
	STO	00075	06.04	34.21	26.94	00.151	1475.4							
	085	00076	06.07	34.219	26.95		1475.6							
	085	00083	06.35	34.278	26.96		1476.5							
	STO	00100	06.35	34.42	27.07	00.178	1477.4							
	085	00104	06.54	34.467	27.08		1478.2							
	085	00106	06.88	34.537	27.09		1475.7							
	STO	00125	07.20	34.57	27.07	00.203	1481.3							
	085	00125	07.20	34.570	27.07		1481.3							
	085	00133	07.15	34.560	27.07		1481.2							
	085	00137	06.63	34.460	27.07		1479.1							
	085	00140	06.55	34.460	27.07		1475.0							
	STO	00150	07.24	34.61	27.10	00.228	1482.0							
	085	00152	07.41	34.645	27.10		1482.7							
	085	00156	06.68	34.520	27.11		1479.7							
	085	00159	06.65	34.550	27.13		1479.7							
	085	00163	06.13	34.480	27.15		1477.6							
	085	00167	06.10	34.493	27.16		1477.6							
	085	00171	06.31	34.560	27.19		1478.6							
	085	00175	06.00	34.507	27.18		1477.5							
	085	00186	06.14	34.515	27.17		1478.1							
	085	00190	05.80	34.487	27.15		1476.7							
	085	00194	05.73	34.480	27.20		1476.5							
	085	00198	06.01	34.580	27.24		1477.8							
	STO	00200	06.04	34.57	27.23	00.275	1476.0							
	085	00201	06.07	34.570	27.23		1478.1							
	085	00205	05.36	34.465	27.23		1475.2							
	085	00217	05.38	34.482	27.24		1475.4							
	085	00220	05.75	34.570	27.27		1477.1							
	085	00224	05.74	34.577	27.27		1477.2							
	085	00232	06.31	34.730	27.32		1475.8							
	085	00247	06.27	34.715	27.31		1479.8							
	STO	00250	06.62	34.87	27.39	00.316	1481.5							
	085	00251	06.75	34.930	27.41		1482.3							
	085	00258	07.67	35.070	27.40		1486.0							
	085	00270	06.85	34.925	27.40		1482.8							
	085	00277	06.82	34.922	27.40		1482.6							
	085	00281	06.48	34.860	27.40		1481.4							
	085	00285	06.43	34.850	27.40		1481.3							
	085	00293	06.13	34.815	27.41		1480.2							
	STO	00300	05.60	34.72	27.41	00.352	1478.0							
	085	00300	05.56	34.717	27.41		1477.9							
	085	00312	05.35	34.655	27.41		1477.2							
	085	00346	05.46	34.830	27.51		1478.4							
	085	00354	05.63	34.850	27.50		1475.2							
	085	00380	06.14	34.930	27.50		1481.8							
	STO	00400	05.55	34.93	27.58	00.417	1479.8							
	085	00403	05.48	34.932	27.55		1479.5							
	085	00453	05.67	34.950	27.58		1481.1							
	STO	00500	05.16	34.52	27.62	00.473	1475.8							
	085	00502	05.15	34.920	27.62		1479.8							
	085	00552	05.25	34.960	27.64		1481.1							
	STO	00600	04.83	34.93	27.66	00.526	1480.1							
	085	00601	04.82	34.932	27.66		1480.1							
	085	00651	04.65	34.925	27.68		1480.2							
	STO	00700	04.46	34.91	27.69	00.576	1480.2							
	085	00700	04.46	34.912	27.69		1480.2							
	085	00750	04.41	34.923	27.70		1480.5							
	STO	00800	04.39	34.92	27.70	00.625	1481.6							
	085	00803	04.39	34.915	27.70		1481.6							
	085	00856	04.26	34.916	27.71		1482.0							
	STO	00900	04.16	34.92	27.73	00.672	1482.3							
	085	00902	04.16	34.922	27.73		1482.3							
	085	00951	04.37	34.930	27.74		1482.8							
	STO	01000	04.06	34.92	27.74	00.719	1483.6							
	085	01001	04.06	34.928	27.74		1483.6							
	STO	01100	03.91	34.93	27.76	00.764	1484.6							
	085	01100	03.91	34.933	27.76		1484.6							
	STO	01200	03.82	34.93	27.77	00.809	1485.9							
	085	01203	03.82	34.927	27.77		1485.9							
	085	01206	03.84	34.932	27.77		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N D O C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BJTOP 03008	AIR TEMP 15.4	OIR MGT PER	WIND-OIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0273	MONTH 07	SHIP EV	WET 6UL6 15.0	03 0 X	WIND-SPO 12	TRACE OIR	5 SQUARE 2
LAT 44 01 N	DAY 05	DATA USE 1	BAROMETR 1028.9	SEA	WIND-FDR	DURATION	2 SQUARE 46
LONG 047 45 W	MDUR 00.7	AREA 05	CLOUD 7/4	CL/7R	WEATHER X4	ORIG 011 458	1 SQUARE 47

CASHTUN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	OXYG	PD4	TOT P	MD2	MD3	S103	PN
03.7	STO	00000	14.30	32.58	24.27	00.000	1502.4							
	085	00003	14.30	32.585	24.27		1502.4							
	085	00007	13.87	32.457	24.30		1500.8							
	STO	00010	12.47	32.44	24.54	00.035	1496.0							
	085	00011	11.72	32.403	24.65		1493.4							
	085	00015	09.97	32.753	25.23		1487.6							
	085	00019	10.06	32.838	25.28		1486.1							
	STO	00020	09.84	32.85	25.31	00.066	1487.4							
	085	00022	09.18	32.822	25.41		1484.9							
	085	00026	08.14	32.651	25.46		1480.9							
	STO	00030	06.72	32.90	25.82	00.090	1475.7							
	085	00030	06.55	32.922	25.87		1475.3							
	085	00036	04.98	33.110	26.20		1465.0							
	085	00041	04.52	33.136	26.27		1467.2							
	085	00049	04.17	33.566	26.65		1460.5							
	STO	00050	04.17	33.63	26.68	00.126	1466.5							
	085	00053	04.19	33.763	26.81		1466.9							
	085	00057	04.37	33.895	26.87		1468.7							
	085	00060	05.13	34.144	27.00		1471.4							
	085	00064	05.55	34.192	26.95		1473.3							
	085	00068	05.17	34.126	26.59		1471.7							
	085	00072	05.80	34.249	27.31		1474.5							
	STO	00075	05.93	34.29	27.32	00.156	1475.1							
	085	00076	06.05	34.320	27.03		1475.6							
	085	00079	06.77	34.503	27.06		1474.8							
	085	00087	06.96	34.505	27.36		1476.7							
	STO	00100	07.81	34.68	27.07	00.162	1483.4							
	085	00102	07.95	34.710	27.07		1484.3							
	STO	00125	08.39	34.68	27.14	00.207	1486.3							
	085	00125	08.40	34.883	27.14		1486.4							
	085	00137	08.46	34.888	27.14		1486.8							
	085	00144	07.36	34.650	27.14		1482.4							
	STO	00150	07.38	34.70	27.15	00.231	1482.6							
	085	00152	07.39	34.708	27.15		1482.7							
	085	00171	07.43	34.720	27.16		1483.2							
	085	00175	06.89	34.622	27.16		1481.0							
	085	00178	06.08	34.520	27.18		1477.7							
	085	00190	05.98	34.527	27.20		1477.5							
	085	00194	05.34	34.407	27.19		1474.8							
	STO	00200	05.43	34.47	27.22	00.276	1475.3							
	085	00201	05.48	34.485	27.23		1475.6							
	085	00209	05.84	34.560	27.25		1477.3							
	085	00217	05.74	34.560	27.26		1477.0							
	085	00224	05.53	34.590	27.26		1477.9							
	085	00228	05.73	34.570	27.27		1477.2							
	085	00236	05.45	34.570	27.30		1476.2							
	STO	00250	05.55	34.57	27.29	00.319	1476.8							
	085	00251	05.56	34.573	27.29		1476.9							
	085	00277	05.69	34.744	27.41		1478.1							
	085	00285	06.35	34.645	27.41		1481.0							
	085	00297	06.73	34.910	27.41		1482.7							
	STO	00300	06.68	34.91	27.41	00.358	1482.6							
	085	00304	06.62	34.913	27.42		1482.4							
	085	00316	06.49	34.920	27.45		1482.1							
	085	00323	06.47	34.910	27.44		1482.2							
	085	00350	05.61	34.852	27.51		1479.1							
	085	00354	03.62	34.853	27.51		1479.2							
	085	00376	06.37	34.980	27.51		1482.7							
	STO	00400	06.02	35.01	27.56	00.425	1481.8							
	085	00433	05.97	35.310	27.59		1481.6							
	085	00407	05.55	35.003	27.58		1481.7							
	085	00411	05.57	34.920	27.56		1483.0							
	085	00453	05.46	34.910	27.57		1480.2							
	STO	00500	05.42	34.98	27.63	00.479	1480.9							
	085	00552	05.36	34.980	27.64		1481.6							
	085	00565	04.84	34.930	27.66		1480.1							
	STO	00600	04.76	34.95	27.67	00.531	1479.9							
	085	00601	04.77	34.932	27.67		1479.9							
	085	00605	04.75	34.925	27.67		1479.5							
	085	00647	04.93	34.940	27.66		1481.3							
	STO	00700	04.87	34.98	27.65	00.580	1482.0							
	085	00750	04.82	34.980	27.70		1482.6							
	085	00759	04.31	34.553	27.71		1482.1							
	STO	00800	04.51	34.95	27.71	00.629	1482.1							
	STO	00900	04.23	34.94	27.73	00.676	1482.6							
	085	00951	04.21	34.933	27.73		1483.4							
	085	00974	04.23	34.940	27.74		1483.9							
	STO	01000	04.18	34.94	27.74	00.722	1484.1							
	085	01001	04.18	34.940	27.74		1484.1							
	STO	01100	04.10	34.95	27.76	00.768	1485.4							
	085	01100	04.10	34.955	27.76		1485.4							
	085	01155	03.77	34.525	27.78		1485.7							
	STO	01200	03.78	34.93	27.77	00.813	1485.7							
	085	01203	03.75	34.926	27.77		1485.8							
	085	01206	03.76	34.910	27.76		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8-55	YEAR 1973	BOTOP 33705	AIR TEMP 13.6	DIR HGT PER	WIND-DIR 27	INST STO RECORDER	TEN SQ 1306
CONSEC 0274	MONTH 07	SHIP EV	WET BULB 13.6	00 0 X	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2
LAT 44 12.5N	DAY 05	DATA USE 1	BAROMETR 1027.1	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 43.30	MOJA 02.7	AREA 05	CLOUD T/A	CL/TR	WEATNER X4	ORIG 011 459	1 SQUARE 47

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMTH	SND VEL	DAYG	PO4	TOT F	NO2	NO3	S103	PM
02.7	STO	00003	12.40	35.04	25.01	00.000	1496.4							
	08S	00003	12.40	33.040	25.01		1496.4							
	08S	00007	13.31	33.550	25.23		1500.2							
	STO	00010	13.23	33.58	25.26	00.028	1500.0							
	08S	00011	13.05	33.590	25.31		1499.5							
	08S	00015	12.38	33.480	25.41		1496.1							
	08S	00019	10.26	33.540	25.79		1489.8							
	STO	00020	09.78	33.63	25.94	00.052	1488.2							
	08S	00022	08.87	33.790	26.21		1485.0							
	08S	00026	08.62	33.830	26.28		1484.2							
	STO	00030	08.36	33.84	26.37	00.071	1482.1							
	08S	00030	08.04	33.850	26.39		1482.1							
	08S	00034	06.43	34.080	26.51		1483.8							
	08S	00041	08.23	34.100	26.55		1485.3							
	08S	00045	07.69	34.210	26.72		1481.5							
	08S	00049	07.77	34.460	26.93		1482.1							
	STO	00053	07.77	34.46	26.91	00.099	1482.2							
	08S	00053	07.76	34.470	26.91		1482.2							
	08S	00068	07.18	34.460	26.95		1480.2							
	08S	00072	07.15	34.480	27.01		1480.1							
	STO	00075	07.47	34.53	27.03	00.127	1481.5							
	08S	00076	07.50	34.530	27.00		1481.6							
	08S	00079	07.14	34.470	27.00		1480.2							
	08S	00055	06.93	34.480	27.04		1479.7							
	08S	00055	07.43	34.560	27.03		1481.6							
	STO	00100	07.43	34.56	27.03	00.154	1481.4							
	08S	00102	07.48	34.570	27.03		1482.0							
	08S	00110	07.91	34.710	27.08		1484.3							
	08S	00118	07.76	34.710	27.10		1483.6							
	STO	00125	07.46	34.68	27.12	00.176	1482.5							
	08S	00125	07.46	34.680	27.12		1482.5							
	08S	00133	07.69	34.717	27.12		1483.3							
	08S	00144	07.63	34.730	27.14		1483.5							
	08S	00148	06.87	34.582	27.13		1480.4							
	STO	00150	06.87	34.59	27.13	00.204	1480.5							
	08S	00152	06.88	34.587	27.13		1480.5							
	08S	00156	06.70	34.580	27.15		1479.9							
	08S	00163	06.83	34.643	27.18		1480.6							
	08S	00171	06.46	34.578	27.18		1479.2							
	08S	00175	06.41	34.577	27.19		1479.0							
	STO	00200	06.14	34.58	27.22	00.250	1478.4							
	08S	00201	06.13	34.580	27.23		1478.4							
	08S	00228	06.21	34.714	27.32		1475.3							
	08S	00243	06.02	34.720	27.35		1478.8							
	STO	00250	06.22	34.75	27.35	00.291	1475.7							
	08S	00251	06.24	34.753	27.35		1475.8							
	08S	00277	05.56	34.708	27.40		1477.5							
	STO	00300	05.04	34.68	27.44	00.328	1475.7							
	08S	00300	05.03	34.680	27.44		1475.7							
	08S	00308	04.93	34.653	27.43		1475.3							
	08S	00342	05.07	34.780	27.51		1476.1							
	08S	00316	05.45	34.627	27.51		1477.8							
	08S	00319	05.01	34.843	27.50		1478.6							
	08S	00353	05.68	34.932	27.56		1479.5							
	STO	00400	05.77	34.97	27.58	00.391	1480.7							
	08S	00449	05.86	34.960	27.58		1481.9							
	08S	00498	05.42	34.960	27.61		1480.9							
	STO	00500	05.41	34.96	27.61	00.447	1480.5							
	08S	00535	05.22	34.935	27.62		1480.6							
	08S	00552	04.90	34.937	27.66		1479.6							
	08S	00553	04.91	34.940	27.66		1480.4							
	STO	00600	04.84	34.96	27.69	00.495	1480.2							
	08S	00601	04.82	34.970	27.69		1480.2							
	08S	00651	04.69	34.930	27.68		1480.4							
	STO	00700	04.39	34.91	27.69	00.547	1479.9							
	08S	00700	04.39	34.910	27.69		1479.9							
	08S	00750	04.43	34.930	27.71		1480.9							
	STO	00800	04.23	34.91	27.72	00.595	1480.9							
	08S	00803	04.22	34.913	27.72		1480.9							
	08S	00852	04.23	34.930	27.73		1481.8							
	STO	00900	04.24	34.94	27.73	00.642	1482.7							
	08S	01000	04.26	34.94	27.73	00.685	1484.4							
	08S	01001	04.26	34.940	27.73		1484.4							
	STO	01100	04.11	34.94	27.74	00.736	1485.5							
	08S	01100	04.11	34.935	27.74		1485.5							
	STO	01200	03.99	34.93	27.76	00.783	1486.6							
	08S	01203	03.59	34.932	27.75		1486.7							
	08S	01206	04.03	34.930	27.75		1486.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 6555	YEAR 1973	80TOP 03009	AIR TEMP 10.4	DIR MGT PER	WIND-DIR 27	INST STD RECOROER	TEN SQ 1306
CONSEC 0275	MONTH 07	SHIP EV	WET BULB 10.2	00 0 X	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2
LAT 44 22.2N	DAY 35	DATA USE 1	BAROMETR 1026.7	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 147 39.9W	MOJR 04.8	AREA 05	CLOUD T/A	CL/TX	WEATHER X0	ORIG 011 460	1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	DAYG	PD4	TOT P	MO2	MO3	S103	PH
04.8	STO	03000	08.18	32.42	25.25	00.000	1480.3							
065	03000	08.18	32.420	25.25			1480.3							
065	03007	05.28	32.460	25.66			1468.9							
STO	00010	04.24	32.45	25.76	00.025		1466.6							
065	00011	03.74	32.450	25.81			1462.5							
065	00015	02.78	32.520	25.95			1458.5							
065	00019	02.35	32.620	26.06			1456.9							
STO	00020	02.20	32.62	26.08	00.046		1456.2							
065	00022	01.73	32.620	26.11			1456.2							
065	00026	00.96	32.600	26.30			1451.0							
STO	00030	00.95	32.62	26.32	00.064		1451.3							
065	00030	00.99	32.630	26.33			1451.3							
065	00038	- 1.21	33.040	26.59			1441.6							
065	00041	- 1.46	33.150	26.69			1440.6							
STO	00050	- 1.38	33.18	26.72	00.095		1441.2							
065	00053	- 1.35	33.200	26.73			1441.4							
STO	00075	- 1.19	33.33	26.83	00.127		1442.7							
065	00076	- 1.18	33.340	26.84			1442.8							
STO	00100	- 1.02	33.44	26.91	00.156		1444.1							
065	00102	- 0.98	33.470	26.93			1444.3							
065	00110	- 0.85	33.570	27.01			1445.2							
065	00114	- 0.37	33.660	27.08			1447.6							
065	00118	- 0.34	33.690	27.09			1447.5							
STO	00125	02.19	33.53	27.12	00.182		1459.7							
065	00125	02.29	33.940	27.12			1460.1							
065	00129	02.53	33.980	27.13			1461.3							
065	00133	03.56	34.230	27.24			1466.1							
065	00137	03.87	34.250	27.23			1467.6							
065	00140	04.66	34.370	27.24			1471.1							
065	00148	05.37	34.460	27.23			1474.2							
STO	00150	04.65	34.36	27.23	00.205		1471.2							
065	00156	03.08	34.150	27.22			1466.4							
065	00159	03.05	34.140	27.22			1466.2							
065	00167	02.38	34.140	27.27			1461.5							
065	00171	01.52	34.030	27.25			1457.6							
065	00179	04.61	34.480	27.33			1471.7							
065	00186	05.02	34.560	27.35			1473.6							
065	00190	05.61	34.650	27.35			1476.2							
STO	00200	04.87	34.55	27.36	00.246		1473.2							
065	00201	04.78	34.540	27.36			1472.8							
065	00228	05.44	34.720	27.42			1476.2							
STO	00250	05.43	34.82	27.50	00.280		1476.6							
065	00251	05.42	34.820	27.50			1476.6							
065	00281	05.02	34.820	27.55			1475.5							
STO	00300	05.08	34.86	27.58	00.310		1476.1							
065	00300	05.08	34.860	27.58			1476.1							
065	00323	04.85	34.850	27.60			1475.5							
065	00350	04.65	34.850	27.62			1475.1							
065	00361	04.73	34.860	27.62			1475.7							
065	00373	03.54	34.800	27.66			1472.5							
065	00380	04.26	34.850	27.66			1474.0							
065	00384	04.31	34.840	27.65			1474.3							
065	00392	04.09	34.820	27.66			1473.5							
STO	00400	04.10	34.82	27.65	00.562		1473.6							
065	00405	04.10	34.820	27.65			1473.7							
065	00411	04.73	34.920	27.66			1476.6							
065	00453	04.80	34.920	27.66			1477.5							
STO	00500	04.70	34.92	27.67	00.411		1477.9							
065	00502	04.70	34.920	27.67			1478.0							
065	00552	04.65	34.930	27.68			1478.6							
STO	00600	04.53	34.93	27.69	00.459		1478.9							
065	00601	04.53	34.930	27.69			1478.9							
065	00651	04.37	34.910	27.70			1479.0							
STO	00700	04.01	34.92	27.74	00.504		1478.4							
065	00700	04.01	34.920	27.74			1478.4							
065	00750	04.00	34.920	27.74			1475.1							
STO	00800	03.92	34.93	27.76	00.547		1475.7							
065	00805	03.92	34.930	27.76			1475.7							
065	00852	03.84	34.920	27.76			1480.2							
STO	00900	03.62	34.92	27.76	00.590		1480.9							
065	00902	03.62	34.920	27.76			1480.9							
065	00951	03.96	34.920	27.75			1482.3							
STO	01000	03.93	34.93	27.76	00.633		1483.0							
065	01001	03.93	34.930	27.76			1483.0							
STO	01100	03.93	34.93	27.76	00.678		1484.7							
065	01100	03.93	34.930	27.76			1484.7							
STO	01200	03.87	34.92	27.76	00.723		1486.1							
065	01205	03.87	34.920	27.76			1486.2							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

H Q O C S T A T I O N O A T A

REFID 51 8355	YEAR 1973	80TGP 03486	AIR TEMP 11.8	DIA HGT PER	WIND-DIA 23	INST STO RECORDER	TEN 50 1306
CONSEC 0276	MONTH 07	SHIP EV	WET BULB 11.6	25 0 2	WIND-SPO 16	TRACE OIR 0	3 SQUARE 2
LAT 44 35.9N	DAY 05	DATA USE 1	BAROMETR 1026.3	SEA	WIND-FOR	DURATION	2 SQUARE 44
LONG 047 31.8W	MOOR 06.7	AREA 35	CLOUD T/A	CL/T/A	WEATHER X1	ORIG-D11 441	1 SQUARE 47

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
06.1	STO	03000	09.67	32.79	25.30	00.000	1486.5							
085	03005	09.67	32.750	25.30			1486.4							
085	03007	09.65	32.750	25.31			1486.4							
STO	03010	09.15	32.71	25.33	00.027		1486.4							
085	03011	08.79	32.675	25.35			1483.1							
085	00015	07.75	32.646	25.49			1475.1							
085	03019	05.11	32.659	25.83			1468.7							
STO	00020	04.51	32.71	25.85	00.051		1467.9							
085	03022	04.48	32.623	26.03			1466.3							
085	03026	04.20	32.511	26.13			1465.3							
STO	00030	03.68	32.85	26.14	00.071		1465.1							
085	03030	03.56	32.846	26.14			1462.6							
085	00034	02.52	32.948	26.33			1457.4							
085	03038	01.60	33.065	26.47			1454.5							
085	00045	01.53	33.470	26.82			1453.9							
STO	00050	00.88	33.48	26.86	00.102		1452.0							
085	00053	00.56	33.490	26.88			1450.6							
085	00057	00.22	33.492	26.50			1449.1							
085	03060	00.10	33.557	26.96			1448.8							
STO	00075	00.38	33.79	27.13	00.128		1450.6							
085	00076	00.40	33.803	27.14			1450.7							
STO	00100	00.59	33.87	27.18	00.151		1452.1							
085	03102	00.65	33.890	27.20			1452.4							
STO	03125	01.35	34.17	27.38	00.171		1456.3							
085	03125	01.38	34.180	27.38			1456.5							
085	03146	02.71	34.465	27.51			1463.1							
STO	00150	02.76	34.48	27.51	00.188		1463.4							
085	00152	02.84	34.498	27.52			1463.7							
085	00175	03.06	34.500	27.50			1465.1							
STO	00200	03.37	34.61	27.56	00.216		1466.9							
085	00201	03.39	34.617	27.56			1467.1							
085	03226	03.70	34.728	27.62			1469.0							
STO	00250	03.62	34.72	27.60	00.243		1469.8							
085	00251	03.82	34.720	27.60			1469.9							
085	03277	03.82	34.720	27.60			1470.3							
085	00253	03.80	34.810	27.68			1470.6							
085	03297	04.03	34.837	27.68			1471.7							
STO	03300	04.05	34.84	27.67	00.267		1471.8							
085	03300	04.05	34.840	27.68			1471.8							
085	03304	04.01	34.860	27.70			1471.7							
085	03506	04.41	34.910	27.69			1473.5							
085	03516	04.13	34.855	27.68			1472.4							
085	00350	03.78	34.832	27.70			1471.5							
085	00365	03.85	34.845	27.70			1472.0							
085	00373	04.04	34.850	27.68			1473.0							
STO	00400	03.91	34.85	27.70	00.312		1472.9							
085	03405	03.90	34.847	27.70			1472.9							
085	03455	03.59	34.867	27.70			1474.1							
STO	00500	04.05	34.91	27.73	00.356		1475.2							
085	03502	04.05	34.910	27.73			1475.2							
085	00552	04.04	34.922	27.74			1476.0							
STO	00600	04.11	34.91	27.73	00.399		1477.1							
085	00601	04.11	34.913	27.73			1477.1							
085	00651	04.10	34.927	27.74			1477.5							
STO	00700	04.03	34.92	27.74	00.443		1478.4							
085	03700	04.05	34.920	27.74			1478.4							
085	03750	03.96	34.910	27.74			1475.0							
STO	00800	03.88	34.91	27.75	00.486		1475.5							
085	03803	03.88	34.913	27.75			1475.5							
085	03852	03.84	34.912	27.75			1480.2							
STO	00900	03.83	34.91	27.75	00.529		1480.9							
085	03902	03.83	34.910	27.75			1480.9							
085	03951	03.80	34.920	27.76			1481.7							
STO	01000	03.80	34.91	27.76	00.573		1482.5							
085	01001	03.80	34.910	27.76			1482.5							
STO	01100	03.82	34.93	27.77	00.617		1484.2							
085	01100	03.82	34.930	27.77			1484.2							
STO	01200	03.77	34.93	27.78	00.661		1485.7							
085	01203	03.77	34.932	27.78			1485.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8335	YEAR 1973	BOTOP 03533	AIR TEMP 12.3	DIR MGT PER	WIND-OIA 25	INST STO RECORDER	TEN 53 1306
CONSEC 0277	MONTH 07	SHIP EV	MET SULB 11.9	OD 0 A	WIND-SPO 10	TRACE DIR 0	5 SQUARE 2
LAT 44 49 N	DAY 05	DATA USE 1	BAROMETER 1024.7	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 42.4W	MOJA 06.8	AREA 03	CLOUD 7/4	CL/TR	WEATHER 24	ORIG 011 442	1 SQUARE 47

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
06.8	STD	00000	10.57	32.86	25.21	00.030	1485.7							
	DBS	00003	10.57	32.864	25.21		1485.8							
	DBS	00007	09.54	32.743	23.22		1487.4							
	STD	00010	08.23	32.75	25.30	00.026	1481.1							
	DBS	00011	07.33	32.758	25.63		1477.6							
	DBS	00015	05.23	32.576	26.07		1465.5							
	STD	00020	04.47	32.99	26.16	00.048	1466.5							
	DBS	00022	04.03	33.042	26.25		1464.7							
	DBS	00026	03.43	33.159	26.40		1462.4							
	STD	00030	03.10	33.32	26.56	00.065	1461.3							
	DBS	00030	03.06	33.339	26.58		1461.1							
	DBS	00038	02.58	33.433	26.69		1459.3							
	DBS	00041	01.55	33.654	26.98		1455.3							
	STD	00050	01.50	33.84	27.11	00.089	1454.4							
	DBS	00053	01.22	33.881	27.15		1454.1							
	DBS	00068	01.14	33.575	27.23		1454.2							
	STD	00075	01.17	34.02	27.27	00.111	1454.5							
	DBS	00076	01.18	34.027	27.27		1454.5							
	STD	00100	01.44	34.21	27.40	00.130	1456.4							
	DBS	00101	01.50	34.253	27.42		1456.7							
	STD	00125	02.20	34.40	27.50	00.146	1460.4							
	DBS	00125	02.21	34.408	27.50		1460.4							
	DBS	00144	02.37	34.508	27.57		1461.6							
	DBS	00148	02.45	34.514	27.57		1462.0							
	STD	00150	02.44	34.51	27.56	00.161	1462.0							
	DBS	00152	02.44	34.505	27.56		1462.0							
	DBS	00171	02.55	34.570	27.60		1462.9							
	DBS	00175	02.76	34.633	27.64		1464.0							
	DBS	00178	03.21	34.707	27.65		1466.1							
	STD	00200	03.23	34.70	27.65	00.186	1466.3							
	DBS	00201	03.24	34.703	27.65		1466.6							
	DBS	00228	03.70	34.820	27.70		1469.1							
	DBS	00236	03.73	34.830	27.70		1469.4							
	DBS	00239	04.00	34.840	27.68		1470.6							
	STD	00250	03.97	34.85	27.69	00.208	1470.7							
	DBS	00251	03.57	34.855	27.70		1470.7							
	DBS	00277	04.04	34.858	27.69		1471.4							
	STD	00300	04.04	34.85	27.68	00.230	1471.8							
	DBS	00300	04.04	34.850	27.68		1471.8							
	DBS	00350	04.15	34.925	27.73		1473.2							
	STD	00400	04.21	34.91	27.71	00.274	1474.2							
	DBS	00403	04.21	34.910	27.71		1474.3							
	DBS	00433	04.03	34.922	27.74		1474.4							
	STD	00500	03.57	34.92	27.73	00.316	1474.9							
	DBS	00502	03.47	34.923	27.75		1474.9							
	DBS	00552	04.02	34.910	27.73		1475.9							
	STD	00600	04.06	34.92	27.74	00.358	1476.9							
	DBS	00601	04.06	34.917	27.74		1476.9							
	DBS	00651	02.56	34.910	27.74		1477.3							
	STD	00700	02.85	34.93	27.77	00.395	1477.7							
	DBS	00700	02.85	34.930	27.77		1477.7							
	DBS	00750	02.54	34.917	27.75		1478.9							
	STD	00800	03.95	34.93	27.76	00.441	1479.8							
	DBS	00803	03.95	34.930	27.76		1479.8							
	DBS	00852	03.84	34.920	27.76		1480.2							
	STD	00900	03.83	34.93	27.77	00.483	1480.9							
	DBS	00902	03.83	34.930	27.77		1481.0							
	DBS	00951	03.80	34.922	27.77		1481.7							
	STD	01000	03.77	34.91	27.76	00.526	1482.3							
	DBS	01001	03.77	34.914	27.76		1482.4							
	STD	01100	03.76	34.93	27.77	00.570	1484.0							
	DBS	01100	03.76	34.926	27.77		1484.0							
	STD	01200	03.78	34.92	27.77	00.614	1485.7							
	DBS	01203	03.78	34.918	27.77		1485.8							
	DBS	01210	03.77	34.925	27.77		1485.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0355	YEAR 1973	BOATOP 05171	AIR TEMP 11.8	OIR MGT PER	WIND-OIR 24	INST STO RECORDER	TEN SQ 1306
CONSEC 0278	MUNTH 07	SHIP EV	WET BULB 11.8	00 0 X	WIND-SPO 12	TRACE OIR 0	5 SQUARE 2
LAT 44 44.9N	OAY 05	DATA USE 1	BAROMETER 1027.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 55.4W	MOUR 10.5	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG 011 463	1 SQUARE 47

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DTN/DPTH	SNO VEL	OXYG	PJA	TOT P	M02	M03	S103	PH
10.5	STO	00030	09.55	32.75	25.33	00.000	1485.8							
	OBS	00003	09.53	32.788	25.33		1485.9							
	OBS	00007	08.62	32.656	25.36		1482.4							
	STO	00010	07.44	32.71	25.58	00.025	1477.9							
	OBS	00011	06.77	32.753	25.70		1475.4							
	OBS	00015	05.06	32.897	26.03		1468.7							
	STO	00020	04.60	33.02	26.17	00.047	1467.0							
	OBS	00022	04.26	33.070	26.25		1465.7							
	OBS	00026	03.71	33.110	26.34		1463.5							
	STO	00030	02.55	33.14	26.47	00.064	1458.6							
	OBS	00030	02.41	33.163	26.49		1458.0							
	OBS	00034	01.64	33.408	26.75		1455.1							
	OBS	00038	01.26	33.440	26.80		1455.5							
	OBS	00041	01.10	33.526	26.88		1452.9							
	OBS	00045	00.61	33.544	26.92		1450.8							
	OBS	00049	00.36	33.625	27.00		1449.9							
	STO	00050	00.36	33.63	27.00	00.090	1450.1							
	OBS	00053	00.40	33.656	27.02		1450.7							
	OBS	00057	00.45	33.744	27.09		1450.7							
	OBS	00060	00.79	33.807	27.12		1452.2							
	STO	00075	00.85	33.91	27.21	00.114	1452.8							
	OBS	00076	00.84	33.923	27.21		1452.5							
	STO	00100	00.98	34.11	27.35	00.135	1454.1							
	OBS	00102	01.11	34.145	27.37		1454.8							
	OBS	00110	01.60	34.250	27.42		1457.3							
	STO	00125	02.06	34.37	27.48	00.151	1455.7							
	OBS	00125	02.09	34.375	27.49		1459.9							
	OBS	00125	02.25	34.405	27.49		1460.8							
	OBS	00135	01.72	34.480	27.52		1462.5							
	OBS	00144	02.71	34.472	27.51		1463.0							
	STO	00150	02.87	34.52	27.54	00.166	1463.8							
	OBS	00152	02.50	34.537	27.55		1464.1							
	OBS	00155	02.87	34.547	27.56		1464.1							
	OBS	00163	03.12	34.570	27.55		1465.2							
	OBS	00171	02.97	34.547	27.55		1464.7							
	OBS	00175	03.00	34.565	27.56		1464.9							
	OBS	00178	03.44	34.680	27.61		1467.0							
	OBS	00186	03.58	34.700	27.61		1467.7							
	OBS	00198	04.40	34.833	27.63		1471.6							
	STO	00200	04.42	34.84	27.63	00.192	1471.7							
	OBS	00201	04.43	34.843	27.64		1471.8							
	OBS	00228	04.62	34.877	27.64		1473.0							
	STO	00250	04.60	34.85	27.65	00.216	1473.3							
	OBS	00255	04.59	34.853	27.66		1473.4							
	OBS	00277	04.74	34.922	27.66		1474.4							
	OBS	00289	04.71	34.910	27.66		1474.5							
	OBS	00293	04.47	34.870	27.65		1473.5							
	STO	00300	04.51	34.92	27.69	00.235	1473.8							
	OBS	00300	04.51	34.930	27.70		1473.8							
	OBS	00350	04.71	34.935	27.68		1475.5							
	STO	00400	04.60	34.93	27.69	00.285	1475.8							
	OBS	00403	04.59	34.927	27.69		1475.9							
	OBS	00453	04.71	34.950	27.69		1477.2							
	STO	00500	04.45	34.92	27.65	00.351	1476.9							
	OBS	00502	04.44	34.917	27.69		1476.9							
	OBS	00552	04.53	34.940	27.70		1478.1							
	STO	00600	04.25	34.93	27.72	00.376	1477.7							
	OBS	00601	04.24	34.927	27.72		1477.7							
	OBS	00651	04.17	34.937	27.74		1478.2							
	STO	00700	04.09	34.93	27.74	00.420	1478.7							
	OBS	00700	04.09	34.927	27.74		1478.7							
	OBS	00750	04.11	34.915	27.73		1479.6							
	STO	00800	04.06	34.91	27.73	00.465	1480.2							
	OBS	00803	04.06	34.910	27.73		1480.3							
	OBS	00852	04.01	34.912	27.74		1480.5							
	STO	00900	03.56	34.93	27.75	00.505	1481.5							
	OBS	00902	03.56	34.926	27.75		1481.5							
	OBS	00951	03.85	34.925	27.76		1481.9							
	STO	01000	03.78	34.91	27.76	00.553	1482.4							
	OBS	01001	03.78	34.914	27.76		1482.4							
	STO	01100	03.76	34.92	27.77	00.597	1484.0							
	OBS	01100	03.76	34.924	27.77		1484.0							
	STO	01200	03.74	34.93	27.78	00.640	1485.6							
	OBS	01203	03.74	34.927	27.78		1485.6							
	OBS	01214	03.73	34.927	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 0355 YEAR 1973 0207 0277 AIR TEMP 12.1 DIR NGT PER WIND-DIR 24 INST STO RECORDER TEN SQ 1306
CONSEC 0275 MONTH 07 SHIP EV MET BULB 12.1 23 1 2 WIND-SPD 16 TRACE DIR 0 5 SQUARE 2
LAT 44 47.7N DAY 05 BAROMETER 1027.7 SEA DURATION ORIG 011 484 2 SQUARE 48
LONG 048 12.8W HOUR 13.1 AREA 05 CLOUD 7/A CL/TR WEATHER X4

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGNA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
13.1	STS	00300	08.87	32.78	25.43	00.000	1483.4							
	085	00303	08.87	32.764	25.43		1483.4							
	085	00307	08.87	32.770	25.42		1483.5							
	STS	00310	06.83	32.70	25.65	00.025	1475.5							
	085	00311	05.97	32.688	25.75		1472.1							
	085	00315	04.93	32.795	25.96		1467.9							
	085	00319	04.29	32.922	26.15		1465.6							
	STS	00323	04.24	32.63	26.14	00.046	1465.4							
	085	00322	04.04	32.653	26.18		1464.6							
	STS	00330	03.18	32.67	26.27	00.064	1461.1							
	085	00330	03.11	32.674	26.26		1460.8							
	085	00334	01.98	33.066	26.45		1456.1							
	085	00341	00.76	33.247	26.67		1451.0							
	085	00345	00.25	33.341	26.78		1446.8							
	STS	00350	- 0.00	33.41	26.85	00.094	1447.9							
	085	00353	- 0.06	33.473	26.90		1447.8							
	085	00357	00.01	33.556	26.96		1448.3							
	085	00364	- 0.35	33.533	26.96		1446.7							
	STS	00375	- 0.19	33.66	27.05	00.121	1447.6							
	085	00376	- 0.17	33.671	27.06		1447.9							
	085	00391	00.04	33.802	27.16		1445.3							
	085	00395	00.65	33.917	27.22		1452.3							
	085	00399	00.62	33.981	27.25		1455.7							
	STS	00400	00.60	33.99	27.26	00.144	1453.6							
	085	00402	00.86	34.016	27.28		1453.6							
	085	00410	01.11	34.047	27.29		1454.8							
	STS	00425	02.29	34.27	27.39	00.163	1460.6							
	085	00425	02.32	34.280	27.39		1460.7							
	085	00440	02.71	34.370	27.43		1462.8							
	085	00444	02.67	34.375	27.44		1462.7							
	STS	00450	02.85	34.46	27.45	00.180	1463.7							
	085	00452	02.92	34.480	27.50		1464.1							
	085	00456	03.08	34.497	27.53		1464.9							
	085	00475	03.59	34.580	27.52		1467.4							
	STS	00500	03.73	34.65	27.56	00.209	1468.5							
	085	00501	03.85	34.670	27.56		1469.1							
	085	00505	04.16	34.717	27.57		1470.5							
	085	00524	04.11	34.705	27.56		1470.6							
	085	00528	04.14	34.725	27.57		1470.8							
	STS	00550	04.30	34.71	27.55	00.237	1471.9							
	085	00535	04.34	34.713	27.54		1472.1							
	085	00558	04.09	34.703	27.56		1471.1							
	085	00577	03.93	34.720	27.55		1470.8							
	085	00589	04.26	34.750	27.58		1472.4							
	STS	00600	04.32	34.85	27.66	00.264	1472.9							
	085	00600	04.22	34.860	27.66		1473.0							
	085	00650	04.77	34.926	27.66		1475.7							
	STS	00700	04.64	34.91	27.67	00.311	1476.3							
	085	00703	04.63	34.910	27.67		1476.0							
	085	00753	04.58	34.917	27.68		1476.6							
	STS	00800	04.49	34.91	27.68	00.355	1477.0							
	085	00802	04.45	34.910	27.68		1477.1							
	085	00852	04.39	34.910	27.69		1477.5							
	085	00893	04.55	34.940	27.70		1478.9							
	STS	00900	04.43	34.93	27.70	00.406	1478.5							
	085	00901	04.41	34.923	27.70		1476.4							
	085	00958	04.43	34.935	27.71		1479.4							
	STS	00900	04.38	34.94	27.72	00.452	1479.9							
	085	00915	04.35	34.940	27.72		1480.1							
	085	00950	04.28	34.955	27.75		1480.3							
	STS	00800	04.00	34.93	27.75	00.497	1480.0							
	085	00805	03.99	34.927	27.75		1480.0							
	085	00852	04.10	34.916	27.73		1481.3							
	STS	00900	04.00	34.91	27.74	00.541	1481.6							
	085	00932	04.00	34.910	27.74		1481.7							
	085	00951	03.86	34.920	27.76		1482.0							
	STS	01000	03.86	34.93	27.76	00.586	1482.7							
	085	01001	03.86	34.927	27.76		1482.7							
	STS	01100	03.86	34.91	27.75	00.631	1484.4							
	085	01100	03.86	34.910	27.75		1484.4							
	STS	01200	03.76	34.93	27.78	00.675	1485.7							
	085	01203	03.76	34.932	27.78		1485.7							
	085	01210	03.74	34.950	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 6355	YEAR 1973	BOTOP 02585	AIR TEMP 10.8	OIR HGT PER	WIND-OIR 22	INST STO RECDROER	TEN SQ 1306
CONSEC 0240	MONTH 07	SHIP EV	WET 8ULB 10.8	14 0 2	WIND-SPO 12	TRACE OIR 0	5 SQUARE 2
LAT 44 50 N	DAY 05	DATA USE 1	BAROMETR 1027.1	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 31.1W	MDUR 15.3	AREA 05	CLOUD 7/4	CL/TR	WEATHER X4	ORIG 011 465	1 SQUARE 48

EASTLONG TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PC4	TD7 P	MD2	MD3	S103	PM
15.3	STO	00000	07.65	32.51	25.35	00.000	1478.5							
	085	00005	07.69	32.514	25.39		1478.5							
	085	00010	06.86	32.425	25.44		1475.2							
	STO	00015	05.74	32.55	25.67	00.025	1470.9							
	085	00020	05.29	32.608	25.77		1469.2							
	085	00025	04.62	32.737	25.93		1467.5							
	085	00030	03.65	32.807	26.10		1462.9							
	STO	00035	03.49	32.87	26.17	00.046	1462.2							
	085	00040	03.09	32.953	26.30		1460.6							
	085	00045	02.90	32.954	26.32		1459.5							
	STO	00050	02.09	33.03	26.41	00.063	1456.5							
	085	00055	01.57	33.040	26.43		1455.9							
	085	00060	01.03	33.189	26.61		1452.0							
	085	00065	00.42	33.329	26.76		1449.5							
	STO	00070	00.21	33.50	26.90	00.091	1449.0							
	085	00075	00.21	33.534	26.93		1449.1							
	085	00080	00.30	33.607	26.99		1449.7							
	STO	00085	00.79	33.81	27.12	00.117	1452.5							
	085	00090	00.83	33.814	27.13		1452.7							
	085	00095	00.00	33.811	27.13		1452.0							
	085	00100	00.13	33.758	27.15		1449.7							
	085	00105	00.12	33.823	27.17		1449.8							
	STO	00110	00.29	33.88	27.21	00.140	1450.7							
	085	00115	00.40	33.912	27.23		1451.3							
	STO	00120	01.82	34.22	27.38	00.160	1458.4							
	085	00125	01.84	34.224	27.38		1458.6							
	085	00130	02.08	34.235	27.37		1459.8							
	085	00135	02.76	34.365	27.42		1463.1							
	085	00140	02.65	34.363	27.41		1463.6							
	STO	00145	02.50	34.38	27.42	00.177	1463.8							
	085	00150	02.51	34.387	27.43		1463.5							
	085	00155	01.02	34.458	27.50		1464.9							
	085	00160	03.57	34.577	27.52		1467.6							
	STO	00200	03.63	34.60	27.53	00.209	1468.1							
	085	00205	03.66	34.610	27.53		1468.2							
	085	00210	03.60	34.700	27.59		1469.4							
	STO	00250	03.55	34.71	27.58	00.237	1470.5							
	085	00255	04.00	34.712	27.58		1470.6							
	085	00260	04.12	34.730	27.58		1471.3							
	STO	00300	03.82	34.73	27.61	00.263	1470.7							
	085	00305	03.70	34.730	27.62		1471.1							
	STO	00340	03.85	34.85	27.70	00.311	1472.8							
	085	00345	03.90	34.852	27.70		1472.9							
	085	00350	03.99	34.856	27.69		1474.1							
	STO	00380	03.55	34.87	27.70	00.356	1474.9							
	085	00385	03.55	34.867	27.70		1474.9							
	085	00390	03.57	34.915	27.74		1475.7							
	STO	00400	03.57	34.92	27.75	00.359	1476.5							
	085	00405	03.57	34.918	27.73		1476.5							
	085	00410	03.51	34.917	27.75		1477.1							
	STO	00450	03.57	34.92	27.75	00.441	1478.2							
	085	00455	03.57	34.920	27.75		1478.2							
	085	00460	03.55	34.917	27.75		1478.9							
	STO	00500	04.02	34.92	27.75	00.485	1480.0							
	085	00505	04.02	34.925	27.75		1480.1							
	085	00510	03.53	34.913	27.75		1480.5							
	STO	00550	03.62	34.91	27.75	00.528	1480.9							
	085	00555	03.62	34.910	27.75		1480.9							
	085	00560	03.79	34.922	27.77		1481.6							
	STO	01000	03.76	34.92	27.77	00.572	1482.3							
	085	01005	03.76	34.916	27.77		1482.3							
	STO	01100	03.73	34.92	27.77	00.615	1483.8							
	085	01105	03.73	34.900	27.77		1483.8							
	STO	01200	03.71	34.93	27.78	00.658	1485.4							
	085	01205	03.71	34.930	27.78		1485.5							
	085	01210	03.72	34.925	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOLEC STATION DATA

REFID 51 8355	YEAR 1973	BJTOP 21574	AIR TEMP 10.8	DIA HGT PER	WIND-DIR 25	INST STO RECORDER	TEM SO 1306
CCNSEC 0281	MONTH 07	SHIP EV	WE7 8UL8 10.8	05 1 2	WIND-SPD 10	TRACE DIR 0	S SQUARE 2
LAT 44 45.6N	DAY 05	DATA USE 1	BAROMETER 1027.6	SEA	WIND-FOR	CURATION	2 SQUARE 48
LONG 048 45.1W	MOJA 20.3	AREA 05	CLOUD 7/A	CL/T4	WEATHER 14	ORIG 011 466	1 SQUARE 48

CASTNO/TIME	LVLTYP	DEPTM	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	W02	W03	S103	PM
20.0	STO	00000	07.29	32.51	25.45	00.000	1476.9							
	085	00005	07.29	32.513	25.45		1477.0							
	085	00007	06.35	32.468	25.53		1473.4							
	STO	00010	05.81	32.54	25.60	00.024	1471.2							
	085	00011	05.51	32.569	25.73		1470.1							
	085	00015	04.81	32.735	25.53		1467.5							
	085	00016	04.62	32.775	25.98		1466.8							
	STO	00020	04.51	32.75	25.97	00.046	1466.3							
	085	00022	04.06	32.746	26.01		1464.5							
	085	00026	05.15	32.686	26.21		1460.8							
	STO	00030	02.62	33.16	26.47	00.064	1459.0							
	085	00030	02.55	33.185	26.50		1458.9							
	085	00034	02.73	33.220	26.51		1459.6							
	085	00038	02.63	33.250	26.34		1455.3							
	STO	00050	01.41	33.42	26.77	00.093	1454.3							
	085	00055	01.24	33.475	26.83		1453.7							
	085	00057	01.14	33.536	26.88		1453.4							
	STO	00075	00.70	33.81	27.13	00.121	1452.1							
	085	00076	00.68	33.821	27.14		1452.0							
	085	00095	00.28	33.920	27.24		1450.7							
	STO	00130	00.33	33.93	27.24	00.143	1451.3							
	085	00102	00.45	33.544	27.23		1451.6							
	085	00110	00.62	33.980	27.27		1452.5							
	085	00114	01.10	34.023	27.28		1454.8							
	STO	00125	01.12	34.12	27.35	00.163	1455.2							
	085	00125	01.20	34.133	27.36		1455.4							
	085	00126	01.51	34.220	27.38		1458.9							
	085	00137	01.66	34.203	27.37		1458.3							
	085	00144	01.57	34.165	27.36		1457.6							
	085	00148	01.47	34.180	27.38		1457.2							
	STO	00150	01.58	34.25	27.43	00.180	1457.9							
	085	00052	01.76	34.327	27.47		1456.8							
	085	00156	02.07	34.365	27.48		1460.3							
	085	00175	02.25	34.365	27.47		1461.4							
	STO	00200	02.40	34.49	27.55	00.211	1462.6							
	085	00201	02.42	34.500	27.56		1462.7							
	085	00226	02.89	34.577	27.58		1465.3							
	STO	00250	02.95	34.64	27.62	00.237	1466.2							
	085	00251	03.00	34.643	27.62		1466.3							
	085	00277	03.41	34.710	27.64		1468.5							
	STO	00300	03.51	34.72	27.64	00.262	1465.3							
	085	00300	03.51	34.725	27.64		1465.4							
	085	00350	03.85	34.844	27.70		1471.8							
	085	00384	04.21	34.885	27.69		1473.9							
	085	00388	04.17	34.697	27.71		1473.8							
	STO	00400	04.18	34.87	27.65	00.309	1474.0							
	085	00403	04.18	34.870	27.69		1474.1							
	085	00453	04.19	34.913	27.72		1475.3							
	STO	00500	04.13	34.93	27.74	00.352	1475.6							
	085	00502	04.13	34.935	27.74		1475.6							
	085	00502	04.13	34.933	27.74		1476.4							
	STO	00600	04.12	34.92	27.73	00.395	1477.2							
	085	00601	04.12	34.923	27.73		1477.2							
	085	00651	03.58	34.928	27.75		1477.4							
	STO	00700	03.57	34.91	27.74	00.438	1478.2							
	085	00700	03.57	34.913	27.74		1478.2							
	085	00750	03.58	34.913	27.74		1479.0							
	STO	00800	03.87	34.91	27.75	00.481	1475.4							
	085	00805	03.86	34.910	27.75		1475.4							
	085	00852	03.77	34.925	27.77		1475.9							
	STO	00900	03.73	34.92	27.77	00.523	1480.5							
	085	00902	03.73	34.920	27.77		1480.5							
	085	00951	03.74	34.927	27.77		1481.5							
	STO	01000	03.72	34.91	27.77	00.566	1482.1							
	085	01001	03.72	34.910	27.77		1482.1							
	STO	01100	03.74	34.93	27.78	00.608	1482.9							
	085	01100	03.74	34.930	27.78		1483.9							
	STO	01200	03.72	34.92	27.76	00.652	1485.5							
	085	01203	03.71	34.923	27.78		1485.5							
	085	01206	03.69	34.930	27.78		1485.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 0355	YEAR 1973	BOTOP 01161	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 20	INST STO RECORDER	TEN SW 1306
CONSEC 0202	MONTH 07	SHIP EV	WET BULB 10.0	20 1 2	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 44 50 N	DAY 05	DATA USE 1	BAROMETR 1028.1	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 55 W	HOUR 22.0	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG 011 467	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPDM	SWD VEL	OXYG	P34	TOT P	MO2	MO3	S103	PH
22.0	STO	00000	07.25	32.50	25.28	00.000	1476.5							
	085	00000	07.25	32.300	25.28		1476.5							
	085	00005	06.25	32.160	25.32		1472.4							
	085	00007	06.10	32.250	25.39		1472.0							
	STO	00010	05.50	32.22	25.44	00.026	1469.5							
	085	00011	05.08	32.210	25.48		1467.8							
	085	00019	01.66	32.630	26.11		1454.7							
	STO	00020	01.78	32.64	26.12	00.046	1454.4							
	085	00022	01.56	32.650	26.15		1453.5							
	085	00026	00.16	32.850	26.42		1447.5							
	STO	00030	- 0.49	33.07	26.59	00.065	1444.9							
	085	00030	- 0.54	33.080	26.60		1444.6							
	085	00038	- 0.70	33.070	26.60		1444.0							
	085	00041	- 0.55	33.170	26.65		1442.9							
	STO	00050	- 1.11	33.19	26.71	00.093	1442.4							
	085	00053	- 1.15	33.200	26.72		1442.3							
	STO	00075	- 1.24	33.53	26.83	00.125	1442.5							
	085	00076	- 1.24	33.330	26.85		1442.5							
	STO	00100	- 1.24	33.54	26.84	00.156	1442.9							
	085	00102	- 1.23	33.350	26.85		1443.0							
	085	00118	- 1.17	33.460	26.93		1443.7							
	085	00121	- 1.81	33.480	26.97		1440.7							
	STO	00125	- 1.24	33.47	26.94	00.185	1443.5							
	085	00125	- 1.15	33.470	26.94		1443.9							
	STO	00150	- 0.55	33.58	27.02	00.212	1445.4							
	085	00152	- 0.93	33.590	27.05		1445.5							
	085	00175	- 0.61	33.700	27.11		1447.6							
	STO	00200	00.12	33.88	27.22	00.259	1451.6							
	085	00201	00.16	33.890	27.22		1451.8							
	085	00228	00.52	34.030	27.32		1454.1							
	STO	00250	00.57	34.16	27.40	00.298	1456.7							
	085	00251	01.00	34.170	27.40		1456.8							
	085	00274	01.53	34.310	27.48		1459.8							
	085	00285	02.11	34.380	27.49		1462.6							
	085	00293	02.11	34.360	27.45		1462.7							
	STO	00300	02.38	34.53	27.56	00.329	1464.2							
	085	00300	02.41	34.510	27.57		1464.3							
	085	00350	02.80	34.570	27.56		1466.9							
	STO	00400	03.05	34.70	27.67	00.380	1469.0							
	085	00402	03.06	34.710	27.67		1469.1							
	085	00453	03.21	34.720	27.66		1470.6							
	STO	00500	03.46	34.74	27.69	00.426	1472.5							
	085	00502	03.47	34.750	27.69		1472.6							
	085	00552	03.65	34.850	27.72		1474.3							
	085	00586	03.68	34.860	27.73		1475.0							
	085	00590	03.68	34.58 P	27.510*									
	085	00594	03.65	34.850	27.72		1475.1							
	STO	00600	03.67	34.85	27.72	00.470	1475.2							
	085	00601	03.67	34.850	27.72		1475.2							
	085	00651	03.75	34.850	27.71		1476.3							
	STO	00700	03.80	34.85	27.71	00.515	1477.4							
	085	00700	03.80	34.85	27.71		1477.4							
	085	00750	03.78	34.850	27.71		1478.1							
	STO	00800	03.80	34.85	27.71	00.561	1479.0							
	085	00803	03.80	34.850	27.71		1479.1							
	085	00852	03.82	34.850	27.71		1480.0							
	STO	00900	03.84	34.88	27.73	00.608	1480.5							
	085	00902	03.84	34.880	27.73		1480.9							
	085	00951	03.82	34.860	27.72		1481.7							
	STO	01000	03.81	34.89	27.74	00.654	1482.4							
	085	01001	03.80	34.890	27.74		1482.4							
	085	01005	03.78	34.500	27.75		1482.4							

REFID 31 0355	YEAR 1973	BOTOP 00115	AIR TEMP 11.1	DIR HGT PER	WIND-DIR 21	INST STO RECORDER	TEN SW 1306
CONSEC 0203	MONTH 07	SHIP EV	WET BULB 11.1	00 0 4	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2
LAT 44 50 N	DAY 05	DATA USE 1	BAROMETR 1028.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 08 W	HOUR 23.3	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG 011 466	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPDM	SWD VEL	OXYG	P34	TOT P	MO2	MO3	S103	PH
23.3	STO	00000	07.93	32.31	25.20	00.000	1475.2							
	085	00005	07.93	32.311	25.20		1479.2							
	085	00007	07.84	32.320	25.22		1478.5							
	STO	00010	06.53	32.22	25.34	00.027	1472.9							
	085	00011	05.75	32.197	25.35		1470.7							
	085	00015	05.61	32.260	25.46		1470.1							
	085	00019	04.76	32.137	25.46		1466.5							
	STO	00020	04.05	32.23	25.61	00.052	1463.7							
	STO	00030	- 0.30	32.88	26.43	00.072	1445.4							
	085	00030	- 0.39	32.858	26.45		1445.1							
	085	00034	- 0.65	32.983	26.53		1444.1							
	085	00038	- 0.76	32.964	26.53		1443.5							
	085	00041	- 1.26	32.443	26.56		1441.3							
	STO	00050	- 1.31	32.445	26.56	00.103	1441.2							
	085	00052	- 1.35	32.589	26.56		1441.2							
	STO	00075	- 1.40	33.07	26.63	00.135	1441.3							
	085	00076	- 1.40	33.077	26.63		1441.4							
	085	00099	- 1.35	33.152	26.72		1442.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BDTDP 03082	AIR TEMP 12.9	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEN SQ 1306
CONSEC 0284	MONTH 07	SHIP EV	WET BULB 12.9	00 0 A	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 44 50.5N	DAY 06	DATA USE 1	BAROMETER 1028.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 149 15.4W	MOOR 00.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 669	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DRYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	07.56	32.20	25.16	00.000	1477.6							
00.2	085	00003	07.50	32.156	25.16		1477.6							
	085	00007	05.66	32.350	25.50		1470.4							
	STD	00010	05.12	32.45	25.60	00.026	1466.5							
	085	00011	04.50	32.472	25.71		1467.4							
	085	00015	04.65	32.509	25.76		1466.7							
	085	00019	03.88	32.417	25.77		1465.2							
	STD	00020	03.54	32.46	25.84	00.048	1461.8							
	085	00022	02.73	32.570	25.99		1458.5							
	STD	00030	01.70	32.64	26.12	00.069	1454.2							
	085	00030	01.60	32.646	26.14		1453.8							
	085	00038	- 0.25	32.887	26.44		1445.8							
	STD	00050	- 0.85	32.98	26.53	00.103	1443.4							
	085	00053	- 0.55	32.996	26.55		1443.0							
	085	00068	- 1.08	32.998	26.56		1442.6							
	085	00072	- 1.08	32.993	26.55		1442.7							

REFID 31 8355	YEAR 1973	BDTDP 03063	AIR TEMP 13.5	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEN SQ 1306
CONSEC 0285	MONTH 07	SHIP EV	WET BULB 13.5	21 0 2	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 44 36 N	DAY 06	DATA USE 1	BAROMETER 1028.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 149 16 W	MOOR 01.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 470	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DRYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	13.62	32.40	24.84	00.000	1489.3							
01.7	085	00003	10.62	32.400	24.84		1489.4							
	STD	00010	09.70	32.30	24.91	00.031	1486.0							
	085	00011	09.23	32.290	24.58		1484.3							
	085	00015	07.40	32.510	25.26		1477.6							
	085	00019	06.15	32.310	25.43		1472.4							
	STD	00020	05.65	32.34	25.51	00.055	1470.5							
	085	00022	04.65	32.390	25.67		1466.5							
	085	00026	04.20	32.420	25.74		1466.7							

REFID 31 8355	YEAR 1973	BDTDP 03252	AIR TEMP 10.6	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEN SQ 1306
CONSEC 0286	MONTH 07	SHIP EV	WET BULB 10.6	00 0 A	WIND-SPD 11	TRACE DIR	5 SQUARE 2
LAT 44 36.2N	DAY 06	DATA USE 1	BAROMETER 1028.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 149 32.2W	MOOR 03.1	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 471	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DRYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	07.80	32.23	25.15	00.000	1478.5							
03.1	085	00003	07.80	32.231	25.15		1478.6							
	085	00007	06.25	32.199	25.33		1472.5							
	STD	00010	05.73	32.17	25.37	00.027	1470.4							
	085	00011	05.26	32.154	25.42		1468.5							
	085	00015	03.33	32.291	25.72		1460.6							
	085	00019	02.63	32.412	25.88		1457.8							
	STD	00020	02.56	32.42	25.85	00.051	1457.5							
	085	00022	02.14	32.492	25.98		1455.8							
	085	00026	01.07	32.656	26.21		1451.4							
	STD	00030	00.37	32.83	26.36	00.070	1448.5							
	085	00030	00.27	32.846	26.38		1448.0							
	085	00038	- 1.24	33.129	26.67		1441.6							
	STD	00050	- 1.31	33.20	26.72	00.100	1441.5							
	085	00053	- 1.34	33.202	26.73		1441.4							
	085	00057	- 1.38	33.202	26.73		1441.3							
	STD	00075	- 1.26	33.33	26.83	00.132	1442.4							
	085	00076	- 1.25	33.370	26.83		1442.4							
	STD	00100	- 1.18	33.34	26.83	00.162	1443.2							
	085	00102	- 1.17	33.357	26.83		1443.2							
	STD	00125	- 1.14	33.45	26.92	00.192	1443.9							
	085	00125	- 1.14	33.450	26.92		1443.9							
	STD	00150	- 0.80	33.54	26.95	00.219	1440.0							
	085	00152	- 0.78	33.553	26.95		1446.2							
	085	00175	- 0.60	33.660	27.07		1447.6							
	STD	00200	- 0.20	33.82	27.18	00.268	1450.0							
	085	00201	- 0.17	33.820	27.18		1450.2							
	085	00209	- 0.06	33.822	27.18		1450.8							
	085	00220	00.61	34.080	27.35		1454.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MODE STATION DATA

REFID 31 4355	YEAR 1973	OUTOP 01000	AIR TEMP 10.1	OIR MGT PER	WIND-OIR 21	INST STD RECORDER	7EN SW 1306
CONSEC 3287	MONTH 37	SHIP LV	WET BULB 10.0	00 0 X	WIND-SPO 12	TRACE OIR	5 SQUARE 2
LAT 44 34.4N	DAY 36	DATA USE 1	BAROMETR 1027.9	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 348 48.8W	MOOR 04.5	AREA 05	CLOUD 7/A	CL/7R	WEATHER X4	ORIG 011 472	1 SQUARE 48

CAS/UM/TIME	LVL/TVP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OAYG	P34	TOT P	NO2	NO3	S103	PH
JUN 5	STO	00000	07.25	32.30	25.28	00.000	1476.5							
	085	00003	07.25	32.300	25.28		1476.6							
	085	00007	07.17	32.325	25.31		1476.3							
	STO	00010	06.87	32.40	25.41	00.026	1475.3							
	085	00011	06.71	32.433	25.46		1474.7							
	085	00019	06.38	32.506	25.60		1472.4							
	STO	00020	05.52	32.52	25.62	00.051	1471.8							
	085	00022	05.51	32.554	25.70		1470.2							
	STO	00030	04.70	32.74	25.54	00.073	1467.3							
	085	00030	04.65	32.748	25.95		1467.1							
	085	00038	03.89	32.872	26.15		1466.2							
	085	00041	03.26	32.967	26.26		1461.7							
	085	00045	02.83	32.950	26.29		1459.8							
	085	00049	01.57	33.070	26.48		1454.5							
	STO	00050	01.55	33.07	26.48	00.110	1454.5							
	085	00053	01.00	33.082	26.53		1452.1							
	085	00057	- 0.56	33.263	26.75		1445.2							
	085	00060	- 1.02	33.361	26.85		1443.3							
	085	00072	- 1.05	33.471	26.94		1443.5							
	STO	00075	- 1.04	33.50	26.96	00.143	1443.6							
	085	00079	- 1.01	33.546	27.00		1443.9							
	STO	00100	- 0.65	33.66	27.08	00.165	1446.1							
	085	00102	- 0.60	33.685	27.09		1446.4							
	STO	00125	- 0.14	33.88	27.23	00.192	1449.1							
	085	00125	- 0.13	33.885	27.25		1445.2							
	STO	00150	03.53	34.34	27.52	00.212	1452.8							
	085	00152	03.60	34.060	27.34		1453.2							
	085	00159	00.85	34.134	27.38		1454.6							
	085	00175	01.16	34.230	27.44		1456.4							
	085	00175	01.11	34.403	27.31		1461.2							
	STO	00200	02.36	34.43	27.51	00.246	1462.4							
	085	00205	02.97	34.507	27.52		1465.2							
	085	00235	03.38	34.625	27.57		1467.7							
	STO	00250	03.43	34.68	27.61	00.274	1468.1							
	085	00251	03.46	34.683	27.61		1468.3							
	085	00258	03.71	34.720	27.61		1469.5							
	085	00281	04.00	34.810	27.66		1471.2							
	STO	00300	03.94	34.82	27.67	00.296	1471.3							
	085	00303	03.54	34.817	27.67		1471.3							
	085	00350	04.20	34.862	27.68		1473.3							
	STO	00400	04.16	34.86	27.68	00.344	1473.9							
	085	00403	04.16	34.865	27.68		1474.0							
	085	00453	04.13	34.910	27.72		1474.7							
	STO	00500	04.05	34.91	27.73	00.388	1475.1							
	085	00502	04.05	34.910	27.73		1475.1							
	085	00552	04.06	34.915	27.73		1476.1							
	STO	00600	03.54	34.91	27.74	00.431	1476.5							
	085	00601	03.56	34.910	27.74		1476.5							
	085	00651	03.93	34.925	27.76		1477.2							
	STO	00700	03.90	34.92	27.76	00.473	1477.9							
	085	00700	03.93	34.925	27.76		1477.9							
	085	00750	03.91	34.950	27.76		1478.8							
	STO	00800	03.87	34.93	27.77	00.514	1479.3							
	085	00803	03.87	34.933	27.77		1479.5							
	085	00852	03.81	34.920	27.76		1480.1							
	STO	00900	03.70	34.93	27.78	00.555	1480.4							
	085	00902	03.7	34.927	27.78		1480.4							
	085	00951	03.74	34.935	27.78		1481.4							
	STO	01000	03.72	34.93	27.78	00.596	1482.1							
	085	01001	03.72	34.935	27.78		1482.2							
	STO	01100	03.69	34.92	27.78	00.638	1483.7							
	085	01100	03.69	34.920	27.78		1483.7							
	STO	01200	03.68	34.91	27.77	00.682	1485.3							
	085	01203	03.68	34.911	27.77		1485.3							
	085	01210	03.65	34.915	27.77		1485.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NUC L I A T I O N D A T A

REFID 31 4255	YEAR 1973	BOTOP 02159	AIR TEMP 10.1	OIR HGT PER 21 0 2	WIND-OIR 21	INST STO RECORDER	TEN 50 1306
CONSEC 0280	MONTH 07	SHIP EV	WET GULB 10.1		WIND-SPD 12	TRACE OIR 0	5 SQUARE 2
LAT 44 33.5N	DAY 06	DATA USE 1	BAKOMETR 1027.5	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 17.7E	MOJA 06.4	AREA 03	CLOUD T/A	CL/T/A	WEATHER 44	ORIG 711 473	1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SNO VEL	OXYG	P34	TOT F	NO2	NO3	S103	PH
085	STO	00000	04.45	32.63	23.37	00.000	1481.6							
085	00003	04.45	32.630	23.37			1481.6							
085	00007	06.04	32.440	23.45			1475.2							
STO	00010	06.05	32.60	25.67	00.025		1472.3							
085	00011	05.03	32.690	25.80			1470.7							
085	00015	03.96	33.190	26.37			1466.6							
STO	00020	03.91	33.15	26.38	00.045		1466.4							
085	00022	03.70	33.200	26.41			1463.5							
STO	00030	02.63	33.40	26.67	00.060		1459.4							
085	00030	02.63	33.410	26.67			1459.3							
085	00034	02.57	33.430	26.69			1455.2							
085	00038	02.05	33.490	26.78			1457.2							
085	00041	01.15	33.610	26.94			1453.3							
085	00045	00.36	33.650	27.05			1445.5							
STO	00050	00.36	33.71	27.07	00.084		1450.0							
085	00053	00.35	33.780	27.13			1450.1							
085	00072	- 0.16	33.810	27.18			1448.1							
STO	00075	- 0.02	33.86	27.21	00.107		1448.9							
085	00076	00.05	33.880	27.22			1449.2							
085	00080	00.27	33.850	27.22			1450.3							
085	00087	00.46	33.980	27.28			1451.4							
STO	00100	01.37	34.19	27.39	00.127		1456.0							
085	00102	01.54	34.230	27.41			1456.9							
STO	00125	02.25	34.37	27.46	00.143		1460.7							
085	00125	02.34	34.380	27.47			1461.0							
085	00129	02.71	34.480	27.52			1462.8							
085	00144	03.31	34.390	27.35			1465.8							
STO	00150	03.40	34.58	27.54	00.158		1466.2							
085	00152	03.43	34.580	27.53			1466.4							
085	00156	03.49	34.590	27.53			1466.7							
085	00159	03.21	34.560	27.54			1465.5							
085	00163	03.15	34.590	27.57			1465.4							
085	00167	03.00	34.730	27.60			1467.9							
085	00175	03.76	34.650	27.59			1468.3							
STO	00200	03.88	34.71	27.59	00.186		1469.3							
085	00201	03.89	34.710	27.59			1469.3							
085	00209	03.91	34.730	27.60			1469.6							
085	00220	04.24	34.850	27.65			1471.7							
085	00228	04.37	34.840	27.64			1476.0							
STO	00250	04.32	34.85	27.65	00.211		1472.1							
085	00251	04.32	34.850	27.65			1472.1							
085	00278	04.36	34.92 P	27.710										
085	00281	04.63	34.920	27.67			1474.1							
STO	00300	04.76	34.91	27.65	00.235		1474.9							
085	00300	04.79	34.910	27.65			1475.0							
085	00316	04.67	34.920	27.67			1474.7							
085	00323	04.05	34.840	27.68			1472.2							
085	00350	03.87	34.840	27.69			1471.9							
STO	00400	03.95	34.85	27.69	00.282		1473.0							
085	00403	03.95	34.850	27.69			1473.1							
085	00453	04.01	34.890	27.72			1474.2							
STO	00500	04.03	34.91	27.73	00.325		1475.1							
085	00502	04.03	34.910	27.73			1475.1							
085	00532	03.95	34.910	27.74			1475.8							
STO	00600	03.55	34.92	27.75	00.367		1476.4							
085	00601	03.53	34.920	27.75			1476.5							
085	00651	03.93	34.930	27.76			1477.2							
STO	00700	03.87	34.92	27.76	00.405		1477.8							
085	00700	03.87	34.920	27.76			1477.8							
085	00730	03.84	34.930	27.77			1478.5							
STO	00800	03.82	34.93	27.77	00.430		1475.2							
085	00803	03.82	34.930	27.77			1479.3							
085	00852	03.84	34.930	27.77			1480.2							
STO	00900	03.82	34.91	27.76	00.492		1480.9							
085	00902	03.82	34.910	27.75			1480.9							
085	00951	03.78	34.910	27.76			1481.6							
STO	01000	03.73	34.91	27.76	00.536		1482.2							
085	01001	03.73	34.910	27.76			1482.2							
STO	01100	03.68	34.92	27.78	00.579		1483.6							
085	01100	03.68	34.920	27.78			1483.6							
STO	01200	03.68	34.92	27.78	00.622		1485.3							
085	01203	03.68	34.920	27.78			1485.4							
085	01206	03.68	34.920	27.78			1485.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N O A T A

REFID 51 8:55	YEAR 1973	BDTOP 00057	AIR TEMP 11.2	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEN SQ 1306
CONSEC 0285	MONTH 07	SHIP EV	WET BULB 11.2	21 0 2	WIND-SPO 11	TRACE DIR 0	5 SQUARE 2
LAT 44 36 N	DAY 06	DATA USE 1	BAROMETER 1027.6	SEA	WIND-FOR	DURATION 0	2 SQUARE 48
LONG 048 25 W	MOJR 08.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 474	1 SQUARE 46

CASSTHUR/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
08.5	STD	00003	08.35	32.52	25.30	00.000	1461.0							
085	00000	08.35	32.516	25.30			1481.0							
085	00003	08.33	32.520	25.30			1481.0							
085	00007	07.04	32.583	25.45			1476.5							
STD	00010	06.38	32.59	25.63	00.025		1473.6							
085	00011	05.73	32.611	25.72			1471.0							
085	00015	04.30	32.720	25.97			1465.3							
STD	00020	02.76	32.53	26.28	00.046		1455.1							
085	00022	02.02	33.022	26.41			1456.0							
STD	00030	00.74	33.14	26.55	00.062		1450.5							
085	00030	00.61	33.156	26.61			1450.0							
085	00034	- 0.25	33.268	26.74			1446.3							
085	00038	- 0.74	33.292	26.78			1444.1							
085	00041	- 0.80	33.356	26.84			1444.0							
STD	00050	- 0.91	33.47	26.92	00.086		1446.7							
085	00053	- 0.40	33.512	26.55			1446.5							
085	00072	00.08	33.670	27.05			1449.0							
STD	00075	00.24	33.72	27.08	00.115		1449.9							
085	00076	00.31	33.735	27.05			1450.2							
085	00099	01.91	34.112	27.29			1458.3							
STD	00100	02.07	34.13	27.26	00.137		1455.0							
085	00106	02.92	34.230	27.30			1463.0							
STD	00125	03.25	34.36	27.37	00.156		1464.9							
085	00125	03.27	34.360	27.37			1465.0							
085	00140	03.76	34.485	27.42			1467.5							
STD	00150	03.44	34.48	27.45	00.173		1466.3							
085	00152	03.39	34.480	27.46			1466.1							
085	00175	03.45	34.510	27.47			1466.7							
STD	00200	03.29	34.54	27.51	00.204		1466.5							
085	00201	03.26	34.538	27.51			1466.4							
085	00209	03.10	34.530	27.52			1465.8							
085	00220	03.46	34.608	27.55			1467.8							
STD	00250	03.90	34.75	27.62	00.232		1470.4							
085	00251	03.98	34.763	27.62			1470.6							
085	00277	04.61	34.910	27.67			1473.9							
085	00285	04.63	34.910	27.67			1474.1							
STD	00300	04.12	34.81	27.64	00.257		1472.0							
085	00304	04.01	34.800	27.65			1471.6							
085	00312	03.86	34.817	27.67			1471.2							
085	00319	04.09	34.845	27.68			1472.3							
085	00338	04.18	34.860	27.68			1473.0							
085	00350	04.30	34.902	27.69			1474.1							
STD	00400	04.31	34.92	27.71	00.303		1474.6							
085	00403	04.30	34.924	27.71			1474.7							
085	00453	04.36	34.915	27.70			1475.8							
STD	00500	04.28	34.93	27.72	00.347		1476.2							
085	00502	04.28	34.930	27.72			1476.2							
085	00552	04.23	34.923	27.72			1476.8							
STD	00600	04.09	34.92	27.73	00.390		1477.0							
085	00601	04.09	34.916	27.73			1477.0							
085	00651	04.05	34.917	27.74			1477.7							
STD	00700	03.99	34.92	27.74	00.433		1478.3							
085	00700	03.99	34.915	27.74			1478.3							
085	00750	03.68	34.910	27.75			1478.6							
STD	00800	03.63	34.92	27.76	00.476		1479.3							
085	00803	03.63	34.916	27.76			1479.3							
085	00852	03.63	34.910	27.75			1480.1							
STD	00900	03.75	34.91	27.76	00.516		1480.6							
085	00902	03.75	34.94	27.794										
085	00951	03.62	34.913	27.76			1481.7							
STD	01000	03.78	34.91	27.76	00.562		1482.4							
085	01001	03.78	34.910	27.76			1482.4							
STD	01100	03.75	34.92	27.77	00.605		1483.9							
085	01100	03.75	34.920	27.77			1483.9							
STD	01200	03.62	34.93	27.77	00.645		1485.9							
085	01203	03.62	34.933	27.77			1486.0							
085	01206	03.79	34.927	27.77			1485.9							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N P O C S T A T I O N D A T A

REF ID	31	0355	YEAR	1973	OUTOP	03275	AIR TEMP	12.1	OIR	HGT	PEK	WIND-OIR	20	INST	STD	RECORDER	TEN	SO	1306	
CONSEC		0250	MONTH	07	SHIP	EV	WET	BULB	11.8	21	0	5	WIND-SPO	11	TRACE	OIR	0	5	SQUARE	2
LAT	44	34.3N	DAY	06	DATA	USE	1	BAROMETR	1027.5	SEA			WIND-FOR		DURATION		2	SQUARE	48	
LONG	048	09.5W	HOOR		AREA	05		CLOUD	1/A	CL/TA			WEATHER	X4	ORIG	011	475	1	SQUARE	48

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	M02	M03	S103	PH
	STO	00000	09.75	32.77	25.28	00.000	1486.6							
	OBS	00003	09.75	32.773	25.28		1486.7							
	OBS	00007	09.16	32.650	25.31		1484.4							
	STO	00010	08.95	32.71	25.36	00.027	1463.7							
	OBS	00011	08.80	32.708	25.38		1483.2							
	OBS	00015	08.31	32.669	25.42		1481.3							
	OBS	00019	06.95	32.716	25.65		1476.2							
	STO	00020	06.73	32.66	25.64	00.052	1475.2							
	OBS	00024	05.87	32.617	25.71		1471.0							
	OBS	00026	04.17	32.807	26.05		1465.1							
	STO	00030	02.52	32.92	26.25	00.072	1459.5							
	OBS	00033	02.79	32.932	26.28		1459.4							
	OBS	00034	02.17	33.070	26.44		1456.9							
	OBS	00036	00.52	33.145	26.61		1449.7							
	OBS	00041	- 0.75	33.333	26.82		1444.2							
	OBS	00045	- 0.88	33.337	26.82		1443.7							
	STO	00050	- 0.86	33.37	26.85	00.102	1443.5							
	OBS	00053	- 0.85	33.400	26.87		1444.0							
	STO	00075	00.04	33.69	27.07	00.150	1448.9							
	OBS	00076	00.06	33.700	27.08		1449.1							
	STO	00100	00.56	33.93	27.24	00.155	1452.1							
	OBS	00102	00.73	33.968	27.25		1452.9							
	OBS	00114	01.57	34.130	27.35		1457.0							
	STO	00125	01.90	34.16	27.33	00.173	1458.7							
	OBS	00125	01.51	34.170	27.34		1458.8							
	OBS	00129	01.99	34.215	27.37		1459.3							
	OBS	00133	02.50	34.350	27.45		1461.8							
	OBS	00140	02.77	34.350	27.44		1463.1							
	OBS	00144	03.12	34.457	27.46		1464.8							
	OBS	00148	03.20	34.480	27.47		1465.5							
	STO	00150	03.39	34.52	27.49	00.190	1466.1							
	OBS	00152	03.56	34.575	27.51		1466.9							
	OBS	00171	03.70	34.570	27.50		1467.8							
	OBS	00178	03.27	34.510	27.49		1466.0							
	OBS	00182	03.17	34.513	27.50		1465.7							
	OBS	00198	03.44	34.655	27.59		1467.3							
	STO	00200	03.58	34.69	27.61	00.218	1466.0							
	OBS	00201	03.71	34.715	27.61		1468.6							
	OBS	00205	03.58	34.725	27.55		1469.8							
	OBS	00213	04.49	34.832	27.62		1472.2							
	OBS	00228	04.60	34.840	27.61		1473.2							
	STO	00250	04.84	34.86	27.60	00.244	1474.3							
	OBS	00251	04.85	34.862	27.60		1474.3							
	OBS	00277	04.84	34.925	27.66		1474.8							
	STO	00300	04.63	34.93	27.68	00.264	1474.3							
	OBS	00300	04.63	34.930	27.68		1474.3							
	OBS	00333	04.96	35.016	27.71		1476.6							
	STO	00400	04.84	35.02	27.73	00.312	1477.0							
	OBS	00403	04.83	35.016	27.73		1477.0							
	OBS	00453	04.73	35.020	27.74		1477.4							
	OBS	00491	04.55	34.980	27.73		1477.2							
	STO	00500	04.46	34.96	27.73	00.355	1477.0							
	OBS	00517	04.31	34.930	27.72		1476.6							
	OBS	00552	04.18	34.910	27.72		1476.6							
	STO	00600	04.23	34.93	27.73	00.399	1477.0							
	OBS	00601	04.22	34.935	27.73		1477.7							
	OBS	00651	04.37	34.915	27.73		1477.8							
	STO	00700	04.11	34.93	27.74	00.442	1478.8							
	OBS	00700	04.11	34.930	27.74		1478.8							
	OBS	00753	03.97	34.920	27.75		1479.0							
	STO	00800	03.90	34.92	27.76	00.485	1479.6							
	OBS	00803	03.90	34.923	27.76		1479.6							
	OBS	00852	03.57	34.933	27.76		1480.7							
	STO	00900	04.05	34.93	27.74	00.525	1481.9							
	OBS	00902	04.05	34.927	27.74		1481.5							
	OBS	00951	04.01	34.920	27.74		1482.5							
	STO	01000	03.88	34.93	27.76	00.574	1482.8							
	OBS	01001	03.88	34.927	27.76		1482.8							
	STO	01100	03.74	34.92	27.77	00.617	1483.9							
	OBS	01100	03.74	34.920	27.77		1483.9							
	STO	01200	03.76	34.93	27.78	00.661	1485.7							
	OBS	01205	03.76	34.932	27.78		1485.7							
	OBS	01210	03.75	34.927	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 31 8255	YEAR 1973	BDTDP 03460	AIR TEMP 11.5	DIR MGT PER	WIND-DIR 19	INST STO RECORDER	TEN SQ 1306
CONSEC 3291	MOYTH 07	SHIP EV	WET BULB 11.5	00 0 X	WIND-SPD 14	TRACE DIR	5 SQUARE 2
LAT 44 34.0N	DAY 06	DATA USE 1	BAROMETER 1027.8	SEA	WIND-FDR	ORATION	2 SQUARE 46
LONG 047 54.8W	MOUR 12.4	AREA 05	CLOUD 1/A	CL/TR	WEATHER X4	ORIG Q11 476	1 SQUARE 47

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
12.4	STO	00000	08.55	32.58	25.32	00.000	1481.9							
	085	00003	08.55	32.575	25.32		1481.9							
	085	00007	08.43	32.608	25.68		1473.8							
	STO	00010	08.25	32.76	25.90	00.024	1465.2							
	085	00011	04.73	32.800	25.65		1467.2							
	085	00015	04.05	32.916	26.15		1464.6							
	STO	00020	03.80	32.93	26.18	00.044	1463.5							
	085	00022	03.12	32.983	26.29		1462.8							
	085	00026	02.26	33.125	26.48		1457.3							
	STO	00030	01.74	33.19	26.57	00.060	1455.1							
	085	00030	01.60	33.207	26.58		1454.8							
	085	00038	00.27	33.467	26.90		1445.1							
	085	00041	- 0.01	33.540	26.95		1447.9							
	STO	00050	00.09	33.64	27.03	00.085	1448.6							
	085	00053	00.13	33.680	27.06		1448.9							
	STO	00075	00.41	33.81	27.15	00.110	1450.7							
	085	00076	00.42	33.815	27.15		1450.8							
	085	00087	00.51	33.941	27.25		1451.6							
	085	00091	00.54	34.018	27.28		1453.7							
	STO	00100	01.13	34.08	27.32	00.131	1454.8							
	STO	00125	01.70	34.26	27.42	00.149	1458.0							
	STO	00150	02.33	34.42	27.50	00.165	1461.4							
	085	00175	03.00	34.567	27.56		1464.5							
	STO	00200	03.76	34.71	27.60	00.193	1468.8							
	085	00201	03.77	34.708	27.60		1468.8							
	085	00205	03.76	34.705	27.60		1468.8							
	085	00217	04.50	34.858	27.63		1472.6							
	085	00234	04.52	34.843	27.63		1472.6							
	STO	00250	04.50	34.87	27.64	00.218	1473.2							
	085	00251	04.58	34.870	27.64		1473.2							
	085	00277	04.66	34.925	27.68		1474.1							
	STO	00300	04.70	34.91	27.66	00.242	1474.6							
	085	00300	04.70	34.910	27.66		1474.6							
	085	00350	04.39	34.923	27.70		1474.2							
	STO	00400	04.44	34.93	27.70	00.288	1475.2							
	085	00405	04.45	34.930	27.70		1475.3							
	085	00453	04.55	34.935	27.70		1476.5							
	STO	00500	04.48	34.93	27.70	00.333	1477.0							
	085	00502	04.47	34.930	27.70		1477.0							
	085	00552	04.31	34.910	27.70		1477.1							
	STO	00600	04.19	34.92	27.72	00.378	1477.5							
	085	00601	04.19	34.920	27.72		1477.5							
	085	00651	04.16	34.930	27.74		1478.2							
	STO	00700	04.10	34.91	27.73	00.423	1478.7							
	085	00700	04.10	34.914	27.73		1478.7							
	085	00750	04.06	34.910	27.73		1474.4							
	STO	00800	03.55	34.93	27.75	00.466	1480.0							
	085	00803	03.59	34.930	27.75		1480.0							
	085	00852	03.59	34.930	27.75		1480.8							
	STO	00900	04.00	34.91	27.74	00.511	1481.6							
	085	00902	04.00	34.913	27.74		1481.7							
	085	00951	03.45	34.916	27.75		1482.3							
	STO	01000	03.42	34.91	27.74	00.556	1483.0							
	085	01001	03.42	34.910	27.74		1483.0							
	STO	01100	03.41	34.92	27.76	00.601	1484.2							
	085	01100	03.41	34.920	27.76		1484.2							
	STO	01200	03.75	34.92	27.77	00.646	1485.8							
	085	01203	03.76	34.920	27.77		1485.7							
	085	01206	03.72	34.932	27.78		1485.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NO. 1 STATION DATA

REF ID: A1 8353 YEAR: 1973 BOTOP: 03511 AIR TEMP: 13.8 DTR HGT PER: WIND-OIR 19 INST STO RECOROE: TEN SO 1306
CONSEC: 0251 MONTH: 07 SHIP EV: NET BULS: 13.8 00 0 X WIND-SPD 14 TRACE OIR: 5 SQUARE 2
LAT: 4 24.24 DAY: 36 DATA USE: 1 SEA: WIND-FOR: DURA7JON: 2 SQUARE 46
LONG: 047 50.24 HOUR: 14.6 AREA: 05 CLOUD T/A: CL/TR: WEATHER: X4 ORIG: 011 477 1 SQUARE 47

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIG3	PH
14.6	STO	00000	08.85	32.30	25.05	00.000	1482.7							
	085	00003	08.85	32.304	25.05		1482.7							
	085	00007	08.70	32.280	25.06		1482.2							
	STO	00010	06.63	32.23	25.31	00.028	1474.1							
	085	00011	05.63	32.225	25.41		1470.5							
	085	00015	05.13	32.313	25.56		1468.2							
	STO	00020	04.50	32.44	25.72	00.053	1466.1							
	085	00022	04.10	32.505	25.82		1464.3							
	085	00026	03.32	32.587	25.96		1461.1							
	STO	00030	02.35	32.75	26.20	00.073	1457.3							
	085	00030	02.23	32.811	26.23		1456.8							
	085	00034	01.50	32.885	26.34		1453.7							
	085	00038	01.16	32.552	26.41		1452.3							
	085	00041	00.50	33.035	26.52		1445.5							
	085	00045	- 0.85	33.200	26.71		1443.4							
	085	00049	- 1.12	33.199	26.72		1442.4							
	STO	00050	- 1.13	33.22	26.73	00.105	1442.4							
	085	00053	- 1.17	33.317	26.82		1442.4							
	STO	00075	- 1.05	33.47	26.83	00.135	1443.4							
	085	00076	- 1.08	33.473	26.94		1443.4							
	STO	00100	- 0.85	33.62	27.05	00.162	1445.1							
	085	00102	- 0.81	33.641	27.07		1445.4							
	STO	00125	- 0.42	33.60	27.18	00.186	1447.7							
	085	00125	- 0.41	33.605	27.18		1447.8							
	085	00140	- 0.03	33.850	27.23		1445.5							
	085	00144	00.22	33.850	27.22		1451.1							
	STO	00150	00.37	33.96	27.27	00.207	1452.0							
	085	00152	00.44	33.980	27.28		1452.4							
	085	00163	00.90	34.020	27.29		1454.7							
	085	00175	01.13	34.140	27.37		1456.1							
	STO	00200	01.65	34.22	27.39	00.245	1458.9							
	085	00201	01.68	34.230	27.40		1459.1							
	085	00220	01.98	34.390	27.51		1461.0							
	085	00232	02.37	34.430	27.51		1462.9							
	STO	00250	03.02	34.56	27.55	00.276	1466.2							
	085	00251	03.04	34.563	27.55		1466.3							
	085	00256	04.09	34.550	27.57		1466.7							
	085	00262	03.41	34.620	27.57		1468.2							
	085	00266	03.44	34.667	27.60		1468.4							
	085	00277	03.95	34.720	27.59		1470.8							
	085	00285	04.35	34.830	27.64		1472.8							
	STO	00300	04.29	34.82	27.63	00.303	1472.8							
	085	00300	04.29	34.820	27.63		1472.8							
	085	00308	04.71	34.915	27.66		1474.8							
	085	00312	04.74	34.910	27.66		1475.0							
	085	00315	04.40	34.852	27.65		1473.6							
	085	00350	03.98	34.820	27.67		1472.3							
	085	00388	04.09	34.840	27.67		1473.4							
	085	00395	04.78	34.927	27.66		1476.5							
	STO	00400	04.74	34.92	27.66	00.352	1476.4							
	085	00403	04.70	34.920	27.67		1476.5							
	085	00415	04.48	34.927	27.70		1475.6							
	085	00422	04.65 P	34.915	27.670*									
	085	00426	04.35	34.895	27.69		1475.2							
	085	00453	04.08	34.886	27.71		1474.5							
	STO	00500	04.35	34.93	27.71	00.398	1476.5							
	085	00502	04.18 P	34.930	27.730									
	085	00552	04.47	34.934	27.70 *		1477.8							
	STO	00600	04.40	34.93	27.71	00.444	1478.3							
	085	00601	04.40	34.930	27.71		1478.4							
	085	00651	04.31	34.920	27.71		1478.8							
	STO	00700	04.30	34.93	27.72	00.489	1479.6							
	085	00700	04.30	34.932	27.72		1479.6							
	085	00750	04.23	34.927	27.73		1480.1							
	085	00759	04.28	34.920	27.71		1481.1							
	STO	00800	04.27	34.92	27.72	00.536	1481.1							
	085	00803	04.18	34.930	27.73		1480.8							
	085	00852	04.09	34.917	27.73		1481.2							
	STO	00900	03.94	34.93	27.76	00.581	1481.4							
	085	00902	03.93	34.930	27.76		1481.4							
	085	00951	03.81	34.910	27.76		1481.7							
	STO	01000	03.77	34.91	27.78	00.624	1482.3							
	085	01001	03.77	34.910	27.77		1482.3							
	STO	01100	03.69	34.91	27.77	00.668	1483.7							
	085	01100	03.65	34.912	27.77		1483.7							
	STO	01200	03.70	34.91	27.77	00.712	1485.4							
	085	01203	03.70	34.913	27.77		1485.4							
	085	01206	03.70	34.915	27.77		1485.5							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 4555	YEAR 1973	BDTDP 03430	AIR TEMP 13.3	DIR MGT PER	WIND-DIR 10	INST STD RECORDER	TEN 54 1304
CONSEC 0263	MONTH 07	SHIP EV	WET BULB 13.3	36 0 2	WIND-SPD 15	TRACE DIR	5 SQUARE 2
LAT 44 10.4N	DAY 06	DATA USE 1	BAROMETER 1026.8	3EA	WIND-FOR	DURATION	2 SQUARE 40
LONG 048 10.4W	MOJR 10.7	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG 011 478	1 SQUARE 40

CASSTNUT/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SNJ VEL	OXYG	P04	TOT P	MO2	MO3	SIO3	PH
10.7	STD	00000	08.85	32.42	25.14	00.000	1483.0							
	085	00005	08.89	32.420	25.14		1483.0							
	085	00007	07.09	32.320	25.32		1476.0							
	STD	00010	06.60	32.38	25.43	00.027	1474.2							
	085	00011	06.33	32.400	25.48		1473.2							
	085	00015	05.66	32.430	25.59		1470.5							
	085	00019	05.27	32.490	25.66		1469.1							
	STD	00020	05.25	32.49	25.68	00.051	1469.0							
	085	00022	05.11	32.510	25.71		1468.5							
	STD	00030	04.07	32.67	25.95	00.073	1464.5							
	085	00030	04.01	32.680	25.96		1464.3							
	085	00038	03.20	32.940	26.25		1461.3							
	085	00041	02.21	33.020	26.39		1457.2							
	085	00045	01.75	33.190	26.56		1455.4							
	085	00049	01.30	33.180	26.59		1453.5							
	STC	00050	01.19	33.19	26.61	00.108	1453.0							
	085	00053	00.56	33.280	26.71		1450.4							
	085	00068	- 0.38	33.490	26.93		1446.6							
	085	00072	- 0.25	33.550	26.97		1447.3							
	STD	00075	- 0.60	33.54	26.98	00.140	1445.7							
	085	00076	- 0.69	33.540	26.98		1445.3							
	085	00079	- 0.73	33.660	27.06		1445.4							
	STD	00100	00.32	33.67	27.20	00.165	1450.8							
	085	00102	00.41	33.890	27.21		1451.3							
	085	00110	00.65	34.010	27.29		1453.0							
	STD	00125	00.94	34.04	27.30	00.185	1454.5							
	085	00125	00.96	34.040	27.30		1454.4							
	085	00140	01.24	34.197	27.41		1456.1							
	085	00144	01.44	34.225	27.41		1457.1							
	STD	00150	01.63	34.26	27.43	00.204	1456.1							
	085	00152	01.70	34.268	27.43		1458.4							
	085	00175	02.04	34.374	27.49		1460.5							
	STD	00200	02.43	34.49	27.55	00.234	1462.7							
	085	00201	02.45	34.500	27.56		1462.9							
	085	00206	02.62	34.565	27.59		1464.1							
	STD	00250	03.00	34.67	27.64	00.260	1466.3							
	085	00251	03.02	34.673	27.64		1466.4							
	085	00256	03.17	34.687	27.64		1467.2							
	085	00262	03.47	34.710	27.63		1468.5							
	085	00277	03.83	34.782	27.65		1470.4							
	085	00286	03.75	34.810	27.68		1470.3							
	085	00293	03.91	34.824	27.68		1471.1							
	STD	00300	03.76	34.82	27.65	00.283	1470.6							
	085	00300	03.77	34.818	27.65		1470.6							
	085	00350	04.15	34.880	27.70		1473.1							
	085	00365	04.35	34.910	27.70		1474.2							
	085	00369	04.02	34.860	27.65		1472.8							
	STD	00400	04.09	34.85	27.71	00.327	1473.7							
	085	00403	04.10	34.897	27.72		1473.8							
	085	00433	04.27	34.913	27.71		1475.3							
	STD	00500	04.31	34.91	27.70	00.371	1476.3							
	085	00523	04.38	34.910	27.70		1477.1							
	085	00552	04.44	34.937	27.71		1477.7							
	STD	00600	04.40	34.93	27.71	00.416	1478.3							
	085	00601	04.40	34.930	27.71		1478.4							
	085	00651	04.52	34.937	27.72		1478.9							
	STD	00700	04.22	34.92	27.72	00.462	1479.2							
	085	00700	04.22	34.92	27.72		1479.2							
	085	00750	03.96	34.913	27.74		1475.0							
	STD	00800	03.90	34.92	27.75	00.506	1479.6							
	085	00803	03.90	34.918	27.75		1479.6							
	085	00852	03.95	34.930	27.75		1480.8							
	STD	00900	03.93	34.92	27.75	00.950	1481.3							
	085	00902	03.93	34.94 P	27.774									
	085	00951	03.94	34.910	27.74		1482.2							
	STD	01000	03.94	34.91	27.74	00.595	1483.0							
	085	01001	03.94	34.913	27.74		1483.1							
	STD	01100	03.94	34.92	27.75	00.640	1484.7							
	085	01100	03.94	34.920	27.75		1484.7							
	STD	01200	03.87	34.91	27.75	00.687	1486.1							
	085	01203	03.86	34.913	27.75		1486.1							
	085	01206	03.84	34.913	27.76		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MODE STATION DATA

REFID 31 4355	YEAR 1973	NOTOP 03253	AIR TEMP 14.9	DIA MGT PER	MINL-DIA 18	INST STO RECORDER	TEN SG 1306
CONSEC 0294	MOENTH 37	SHIP EV	WET BULB 14.9	17 1 2	WIND-SPO 17	TRACE DIA	5 SQUARE 2
LAT 44 19.9N	DAY 06	DATA USE 1	BAROMETER 1026.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 348 23 W	MOYA 14.7	AREA 05	CLOUD T/A	CL/7R	WEATHER A3	ORIG 011 479	1 SQUARE 48

CAS	TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	SYNOPT	SND VEL	DRYG	P34	TOT P.	MO2	MO3	S103	PM
14.7	STG	00000	10.33	32.61	25.06	00.000	1488.5								
	OBS	00003	10.33	32.613	25.06		1488.6								
	OBS	00007	08.42	32.347	25.15		1481.2								
	STO	00010	07.16	32.39	25.37	00.028	1476.4								
	OBS	00011	06.45	32.464	25.51		1473.9								
	OBS	00015	04.88	32.609	25.48		1467.8								
	STO	00020	04.26	32.96	26.16	00.050	1465.5								
	OBS	00022	03.56	33.032	26.25		1464.5								
	OBS	00026	03.71	33.123	26.35		1463.5								
	STO	00030	03.32	33.25	26.48	00.067	1462.1								
	OBS	00030	03.26	33.265	26.50		1461.9								
	OBS	00049	00.85	33.772	27.09		1452.3								
	STO	00050	00.84	33.77	27.09	00.053	1452.2								
	OBS	00053	00.69	33.775	27.10		1451.6								
	OBS	00057	00.30	33.803	27.15		1449.9								
	STO	00075	00.76	34.02	27.25	00.115	1452.6								
	OBS	00076	00.79	34.026	27.30		1452.8								
	STO	00100	01.40	34.16	27.36	00.134	1456.1								
	OBS	00102	01.45	34.170	27.37		1456.4								
	STO	00125	01.69	34.25	27.42	00.151	1457.9								
	OBS	00125	01.70	34.256	27.42		1458.0								
	STO	00150	01.96	34.37	27.45	00.167	1455.7								
	OBS	00152	01.98	34.376	27.50		1455.8								
	OBS	00175	02.15	34.480	27.56		1461.3								
	STO	00200	02.41	34.50	27.56	00.196	1462.7								
	OBS	00201	02.45	34.506	27.56		1462.8								
	OBS	00228	02.66	34.560	27.55		1464.3								
	STO	00250	02.91	34.63	27.62	00.222	1465.8								
	OBS	00251	02.92	34.635	27.62		1465.5								
	OBS	00277	03.15	34.727	27.67		1467.6								
	OBS	00285	03.45	34.757	27.67		1468.9								
	OBS	00297	03.51	34.830	27.68		1471.1								
	STO	00300	03.50	34.82	27.68	00.246	1471.1								
	OBS	00300	03.89	34.823	27.68		1471.1								
	OBS	00308	03.76	34.813	27.68		1470.7								
	OBS	00312	04.22	34.870	27.68		1472.7								
	OBS	00319	03.95	34.847	27.69		1471.9								
	OBS	00354	04.23	34.513	27.71		1473.5								
	STO	00400	04.38	34.52	27.70	00.291	1474.9								
	OBS	00403	04.38	34.520	27.70		1475.0								
	OBS	00453	04.26	34.513	27.71		1475.3								
	STO	00500	04.13	34.93	27.73	00.334	1475.6								
	OBS	00502	04.14	34.927	27.73		1475.6								
	OBS	00552	03.99	34.924	27.75		1475.8								
	STO	00600	03.95	34.53	27.76	00.375	1476.5								
	OBS	00601	03.95	34.533	27.76		1476.5								
	OBS	00651	03.93	34.530	27.76		1477.2								
	STO	00700	03.89	34.93	27.76	00.416	1477.9								
	OBS	00703	03.85	34.525	27.76		1477.9								
	OBS	00750	03.84	34.527	27.77		1478.5								
	STO	00800	03.77	34.93	27.78	00.457	1479.0								
	OBS	00805	03.77	34.530	27.78		1475.1								
	OBS	00852	03.75	34.930	27.78		1475.8								
	STO	00900	03.74	34.52	27.77	00.495	1480.5								
	OBS	00902	03.74	34.920	27.77		1480.6								
	OBS	00951	03.74	34.917	27.77		1481.4								
	STO	01000	03.71	34.92	27.77	00.541	1482.1								
	OBS	01001	03.71	34.520	27.77		1482.1								
	STO	01100	03.71	34.51	27.77	00.564	1483.7								
	OBS	01100	03.71	34.910	27.77		1483.7								
	STO	01200	03.71	34.52	27.78	00.627	1485.4								
	OBS	01205	03.71	34.524	27.78		1485.5								
	OBS	01210	03.71	34.925	27.78		1485.6								

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31	8355	YEAR 1973	BOTOP 02055	AIR TEMP 12.0	OIR MGT PER	WIND-UIR 19	IMST STO RECOROER	TEM SD 1506
CONSEC 0295	MCNTH 07	SHIP EV	WET BULB 12.0	21 2 2	WIND-SPO 16	TRACE DIR	0	5 SQUARE 2
LAT 44 15.1N	DAY 06	DATA USE 1	BAROMETER 1025.3	SEA	WIND-FOR	OURATION		2 SQUARE 48
LONG 048 16.8W	MOJR 20.5	AREA 05	CLOUD T/A	CL/TR	WEATHER K4	ORIG 011 480		1 SQUARE 48

CAS7NUM/TIME	LVL7YP	DEPTH	TEMP	SAL	SIGNA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
20.5	STO	00000	06.64	32.55	25.31	00.020	1482.2							
	085	00003	06.64	32.550	25.31		1482.3							
	STO	00010	06.42	32.61	25.63	00.025	1473.8							
	085	00015	05.07	32.620	25.81		1468.4							
	085	00019	04.37	32.780	26.01		1465.7							
	STO	00020	04.31	32.78	26.02	00.047	1465.5							
	085	00022	04.08	32.830	26.08		1464.6							
	085	00026	03.62	32.970	26.23		1462.9							
	STO	00030	03.03	33.10	26.39	00.065	1460.6							
	085	00030	02.97	33.110	26.40		1460.4							
	085	00034	02.59	33.080	26.41		1458.8							
	085	00038	01.62	33.230	26.61		1454.8							
	085	00041	00.11	33.330	26.78		1448.2							
	085	00045	- 0.84	33.470	26.93		1444.2							
	085	00045	- 0.84	33.500	26.95		1444.1							
	STO	00050	- 0.83	33.50	26.96	00.093	1444.2							
	085	00053	- 0.75	33.530	26.98		1444.5							
	085	00064	- 0.54	33.610	27.03		1445.9							
	085	00068	- 0.12	33.620	27.02		1447.9							
	085	00072	- 0.34	33.650	27.05		1447.0							
	STO	00075	- 0.04	33.71	27.05	00.119	1448.5							
	085	00076	00.05	33.730	27.10		1445.0							
	085	00082	- 0.07	33.810	27.17		1448.7							
	085	00095	00.75	34.010	27.25		1453.0							
	STO	00100	00.75	34.01	27.29	00.141	1453.2							
	085	00102	00.92	34.020	27.28		1453.8							
	085	00110	01.28	34.160	27.37		1455.7							
	085	00116	02.32	34.240	27.36		1460.6							
	STO	00125	02.35	34.25	27.36	00.160	1460.8							
	085	00125	02.35	34.250	27.37		1460.8							
	085	00140	02.05	34.310	27.43		1460.0							
	STO	00150	02.40	34.36	27.45	00.177	1461.6							
	085	00152	02.46	34.370	27.45		1461.9							
	085	00167	02.74	34.510	27.54		1463.6							
	085	00175	03.20	34.560	27.54		1465.8							
	085	00175	05.17	34.560	27.54		1465.7							
	085	00186	03.45	34.570	27.52		1467.2							
	STO	00200	03.55	34.69	27.61	00.206	1467.8							
	085	00201	03.55	34.700	27.62		1467.9							
	085	00220	03.54	34.700	27.62		1468.1							
	085	00224	04.08	34.740	27.59		1470.5							
	085	00228	04.31	34.720	27.58		1470.3							
	085	00245	03.81	34.720	27.60		1469.7							
	STO	00250	04.07	34.81	27.63	00.231	1471.0							
	085	00253	04.15	34.840	27.66		1471.5							
	085	00264	03.93	34.800	27.66		1470.7							
	085	00278	04.31	34.910	27.68		1473.4							
	STO	00300	04.65	34.92	27.67	00.255	1474.4							
	085	00300	04.65	34.920	27.67		1474.4							
	085	00350	04.39	34.930	27.71		1474.2							
	STO	00400	04.47	34.92	27.69	00.300	1475.3							
	085	00403	04.48	34.920	27.65		1475.4							
	085	00452	04.23	34.910	27.71		1475.1							
	STO	00500	04.31	34.93	27.72	00.345	1476.3							
	085	00502	04.32	34.930	27.72		1476.4							
	085	00552	04.45	34.930	27.70		1477.7							
	STO	00600	04.22	34.92	27.72	00.385	1477.6							
	085	00601	04.22	34.920	27.72		1477.6							
	085	00651	04.24	34.920	27.72		1478.5							
	STO	00700	04.16	34.91	27.72	00.434	1479.0							
	085	00700	04.16	34.910	27.72		1475.0							
	085	00708	04.12	34.930	27.74		1475.0							
	085	00742	03.83	34.920	27.76		1478.3							
	085	00750	03.83	34.920	27.76		1478.4							
	STO	00800	03.76	34.93	27.78	00.477	1475.0							
	085	00803	03.76	34.930	27.78		1475.0							
	085	00852	03.76	34.930	27.78		1479.9							
	STO	00900	03.70	34.93	27.78	00.518	1480.4							
	085	00922	03.70	34.930	27.78		1480.4							
	085	00951	03.71	34.930	27.78		1481.3							
	STO	01000	03.68	34.93	27.78	02.559	1482.0							
	085	01001	03.68	34.930	27.79		1482.0							
	STO	01100	03.69	34.92	27.78	00.601	1483.7							
	085	01100	03.69	34.920	27.78		1483.7							
	STO	01200	03.72	34.91	27.77	00.645	1485.3							
	085	01203	03.72	34.910	27.77		1485.5							
	085	01206	03.72	34.910	27.77		1485.6							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 6355 YEAR 1973 BOTOP 01413 AIR TEMP 13.3 OIR MGT PER WIND-DIR 17 INST STO RECORDER TEN SO 1306
CONSEC 0296 MCNTH 07 SWIP EV WET BULB 13.3 22 2 2 WIND-SPO 16 TRACE DIR 0 3 SQUARE 2
LAT 44 16.1N DAY 36 DATA USE 1 BAROMETER 1025.7 SE4 DURATION 2 SQUARE 48
LONG 048 48.5W HOUR 22.4 AREA 05 CLOUD T/A CL/T/A WEATHER 44 DRIG 011 481 1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNUPTH	SND VEL	ORIG	P04	TOT P	NO2	NO3	S103	PH
22.4	STO	00000	07.65	32.20	25.15	00.000	1477.9							
	OBS	00033	07.65	32.201	25.15		1478.3							
	OBS	00007	07.64	32.183	25.14		1478.0							
	STO	00010	07.50	32.19	25.16	00.028	1477.5							
	OBS	00011	07.30	32.193	25.19		1476.7							
	OBS	00015	06.36	32.379	25.46		1473.3							
	OBS	00019	04.53	32.684	25.87		1467.9							
	STO	00020	04.75	32.74	25.93	00.053	1467.3							
	OBS	00022	04.20	32.856	26.09		1465.2							
	OBS	00026	03.36	32.943	26.24		1461.8							
	STO	00030	02.88	32.99	26.31	00.072	1455.8							
	OBS	00030	02.80	32.992	26.32		1459.5							
	OBS	00038	01.33	33.016	26.46		1453.2							
	OBS	00041	00.05	33.096	26.59		1447.6							
	OBS	00045	00.15	33.190	26.66		1448.2							
	OBS	00049	- 0.03	33.186	26.67		1447.5							
	STO	00053	- 0.12	33.19	26.67	00.103	1447.1							
	OBS	00053	- 0.63	33.218	26.72		1444.8							
	OBS	00068	- 1.14	33.330	26.83		1442.8							
	STO	00075	- 1.13	33.43	26.93	00.134	1443.1							
	OBS	00076	- 1.13	33.471	26.94		1443.2							
	STO	00100	- 0.86	33.65	27.07	00.161	1445.1							
	OBS	00102	- 0.81	33.668	27.09		1445.4							
	STO	00125	- 0.33	33.81	27.16	00.184	1446.2							
	OBS	00125	- 0.32	33.810	27.16		1448.2							
	STO	00150	00.26	33.99	27.30	00.205	1451.5							
	OBS	00152	00.32	34.015	27.32		1451.9							
	OBS	00165	00.66	34.140	27.40		1453.8							
	OBS	00175	01.68	34.300	27.46		1458.8							
	OBS	00178	02.39	34.370	27.48		1460.7							
	STO	00200	02.27	34.36	27.46	00.241	1461.9							
	OBS	00201	02.33	34.363	27.46		1462.0							
	OBS	00228	01.92	34.545	27.55		1465.4							
	STO	00250	02.71	34.52	27.55	00.270	1464.8							
	OBS	00251	02.70	34.520	27.55		1464.8							
	OBS	00277	02.68	34.570	27.59		1465.2							
	STO	00300	02.91	34.66	27.64	00.296	1461.7							
	OBS	00300	02.92	34.660	27.64		1466.8							
	OBS	00350	03.71	34.837	27.71		1471.2							
	STO	00400	03.52	34.85	27.70	00.343	1472.9							
	OBS	00403	03.93	34.853	27.70		1473.0							
	OBS	00453	03.59	34.867	27.70		1474.1							
	STO	00500	04.04	34.91	27.73	00.386	1475.1							
	OBS	00502	04.04	34.910	27.73		1475.2							
	OBS	00552	03.59	34.921	27.75		1475.8							
	STO	00600	03.54	34.92	27.75	00.428	1476.4							
	OBS	00601	03.54	34.920	27.75		1476.4							
	OBS	00651	03.91	34.927	27.76		1477.1							
	STO	00700	03.86	34.92	27.76	00.469	1477.7							
	OBS	00733	03.80	34.922	27.76		1477.7							
	OBS	00750	03.84	34.930	27.77		1478.5							
	STO	00800	03.77	34.93	27.78	00.510	1479.0							
	OBS	00803	03.77	34.930	27.78		1479.1							
	OBS	00852	03.76	34.930	27.78		1479.9							
	STO	00900	03.71	34.92	27.78	00.551	1480.4							
	OBS	00902	03.71	34.925	27.78		1480.5							
	OBS	00951	03.76	34.930	27.78		1481.5							
	STO	01000	03.71	34.93	27.79	00.592	1482.1							
	OBS	01001	03.71	34.935	27.79		1482.1							
	STO	01100	03.73	34.93	27.78	00.634	1483.9							
	OBS	01100	03.73	34.934	27.78		1483.9							
	STO	01200	03.72	34.93	27.78	00.677	1485.5							
	OBS	01203	03.72	34.930	27.78		1485.5							
	OBS	01206	03.77	34.930	27.78		1485.8							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O D C S T A T I O N D A T A

REFID 31 8355	YEAR 1973	BOTLP 00274	AIR TEMP 13.9	DIR MGT PER	WIND-DIR 20	INST STO RECORDER	TEN SW 1306
CONSEC 0297	MONTH 07	SHIP EV	WET BULB 13.8	25 1 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 44 19.4N	DAY 37	DATA USE 1	BAROMETR 1024.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 01.2W	MOOR 00.3	AREA 35	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 482	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00030	11.05	32.30	24.69	00.000	1490.7							
00.3	OBS	00003	11.05	32.300	24.69		1490.8							
	OBS	00007	08.85	32.285	23.04		1482.8							
	STO	00010	07.22	32.20	23.21	00.030	1476.4							
	OBS	00011	06.46	32.160	23.28		1473.4							
	OBS	00015	05.07	32.067	23.38		1467.7							
	STO	00020	02.95	32.35	23.80	00.055	1455.1							
	OBS	00022	01.76	32.338	26.04		1454.2							
	OBS	00026	00.21	32.825	26.36		1447.7							
	STO	00030	- 0.61	32.96	26.51	00.074	1444.1							
	OBS	00030	- 0.70	32.982	26.53		1443.8							
	OBS	00034	- 1.09	33.055	26.63		1442.2							
	STO	00050	- 1.21	33.12	26.66	00.103	1441.9							
	OBS	00053	- 1.23	33.128	26.67		1441.9							
	STO	00075	- 1.36	33.16	26.72	00.137	1441.7							
	OBS	00076	- 1.36	33.162	26.72		1441.7							
	STO	00100	- 1.29	33.30	26.80	00.169	1442.6							
	OBS	00102	- 1.28	33.308	26.81		1442.7							
	STO	00125	- 1.12	33.41	26.84	00.199	1443.9							
	OBS	00125	- 1.12	33.410	26.85		1444.0							
	STO	00150	- 1.05	33.45	26.92	00.226	1444.6							
	OBS	00152	- 1.01	33.460	26.93		1445.0							
	OBS	00175	- 0.80	33.540	26.98		1446.5							
	STG	00200	- 0.64	33.54	26.98	00.283	1447.6							
	OBS	00205	- 0.61	33.633	27.05		1448.0							
	OBS	00213	- 0.22	33.810	27.18		1450.1							
	OBS	00228	00.68	34.150	27.39		1454.9							
	OBS	00232	01.13	34.198	27.41		1457.1							
	OBS	00243	01.59	34.355	27.51		1459.6							
	STO	00250	02.00	34.42	27.53	00.325	1461.6							
	OBS	00251	02.1	34.434	27.53		1462.1							

REFID 31 8355	YEAR 1973	BOTLP 00034	AIR TEMP 14.0	DIR MGT PER	WIND-DIR 20	INST STO RECORDER	TEN SW 1306
CONSEC 0298	MONTH 37	SHIP EV	WET BULB 14.0	25 1 3	WIND-SPD 18	TRACE DIR 0	5 SQUARE 2
LAT 44 19.9N	DAY 37	DATA USE 1	BAROMETR 1023.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 15.5W	MOOR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 483	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00030	12.03	32.31	24.52	00.000	1494.2							
01.5	OBS	00003	12.03	32.310	24.52		1494.3							
	OBS	00007	10.40	32.370	24.62		1488.2							
	STO	00010	06.93	32.25	25.29	00.031	1475.3							
	OBS	00011	05.44	32.330	25.53		1469.5							
	OBS	00015	04.22	32.450	25.76		1464.7							
	STO	00020	04.11	32.46	25.78	00.055	1464.2							
	OBS	00022	03.82	32.480	25.82		1463.1							
	OBS	00026	00.86	32.670	26.20		1450.4							
	STO	00030	00.39	32.87	26.41	00.074	1447.3							
	OBS	00030	00.03	32.890	26.43		1447.0							
	OBS	00034	00.00	32.880	26.42		1446.9							
	OBS	00045	00.02	32.870	26.41		1447.2							

REFID 31 8355	YEAR 1973	BOTLP 00022	AIR TEMP 13.1	DIR MGT PER	WIND-DIR 18	INST STO RECORDER	TEN SW 1306
CONSEC 0299	MONTH 07	SHIP EV	WET BULB 13.1	25 2 2	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2
LAT 44 04.3N	DAY 07	DATA USE 1	BAROMETR 1025.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 16.2W	MOOR 03.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 484	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00030	11.78	32.31	24.56	00.000	1493.3							
03.1	OBS	00033	11.78	32.306	24.56		1493.4							
	OBS	00007	09.42	32.235	24.91		1484.8							
	STO	00010	08.14	32.34	25.19	00.031	1480.2							
	OBS	00011	07.50	32.378	25.31		1477.8							
	OBS	00015	06.12	32.368	25.48		1472.9							
	STO	00020	03.75	32.50	25.84	00.056	1462.9							
	OBS	00022	02.58	32.622	26.06		1457.1							
	OBS	00026	00.41	32.847	26.37		1446.6							
	STO	00030	00.29	32.86	26.39	00.075	1448.1							
	OBS	00030	00.27	32.857	26.39		1448.1							
	STO	00050	00.18	32.85	26.39	00.108	1448.0							
	OBS	00053	00.17	32.850	26.39		1448.0							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOO L S T A T I O N D A T A

REFID 31 8355	YEAR 1973	80TOP 00267	AIR TEMP 12.6	DIR HGT PER	*ING-OIR 15	INST STD RECORDER	TEN SQ 1336
CONSEC 0300	MONTH 07	SHIP EV	WET BULB 12.8	23 2 3	WIND-SPO 20	TRACE OIR 0	5 SQUARE 2
LAT 44 03.2N	DAY 07	DATA USE 1	BAROMETR 1023.0	SEA	WIND-FJR	DURATION	2 SQUARE 48
LONG 049 00 W	MOJR 04.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 485	1 SQUARE 45

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
04.5	STD	00000	05.94	32.54	24.91	00.000	1486.8							
	OBS	00003	05.94	32.343	24.91		1486.8							
	OBS	00007	08.04	32.192	25.09		1479.5							
	STD	00010	05.90	32.50	25.46	00.028	1471.3							
	OBS	00011	05.11	32.360	25.60		1468.1							
	OBS	00015	04.68	32.490	25.75		1468.6							
	OBS	00019	03.43	32.458	25.84		1461.3							
	STD	00020	03.28	32.48	25.86	00.051	1460.7							
	OBS	00022	02.54	32.565	26.01		1457.7							
	OBS	00026	00.77	32.745	26.27		1450.1							
	STD	00030	00.20	32.76	26.31	00.071	1447.6							
	OBS	00030	00.09	32.758	26.32		1447.6							
	OBS	00034	- 0.97	33.012	26.56		1442.6							
	STD	00050	- 1.20	32.95	26.56	00.103	1441.8							
	OBS	00053	- 1.24	32.990	26.55		1441.6							
	OBS	00068	- 1.39	33.126	26.67		1441.3							
	STD	00075	- 1.35	33.13	26.67	00.138	1441.6							
	OBS	00076	- 1.35	33.125	26.67		1441.7							
	STD	00100	- 1.34	33.17	26.70	00.172	1442.2							
	OBS	00102	- 1.34	33.190	26.72		1442.2							
	STD	00125	- 0.95	33.47	26.93	00.205	1444.8							
	OBS	00125	- 0.94	33.476	26.94		1444.9							
	STD	00150	- 0.78	33.54	26.98	00.231	1446.1							
	OBS	00152	- 0.76	33.547	26.99		1446.3							
	OBS	00175	- 0.52	33.686	27.09		1446.0							
	STD	00200	- 0.44	33.68	27.08	00.282	1448.7							
	OBS	00201	- 0.43	33.652	27.08		1448.8							
	OBS	00228	- 0.28	33.764	27.14		1450.1							
	OBS	00245	- 0.06	33.850	27.19		1451.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

MOOC STATION DATA

REFID 21 6355	YEAR 1973	BOATDP 01701	AIR TEMP 11.0	DIR MGT PER	WIND-OIR 21	INST STO RECORDER	TEN SQ 1306
CONSEC 0301	MOYTH 07	SHIP EV	WET BULB 11.0	25 1 3	WIND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 44 35 N	DAY 07	DATA USE 1	BAROMETR 1023.4	SEA	WIND-FDR	DURATION	2 SQUARE 48
LONG 048 48 W	MOUR 05.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 486	1 SQUARE 48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DTMDPTH	SNO VEL	DAYG	PO4	TOT P	NO2	NO3	SI03	PH
35.9	STD	00000	07.43	32.28	25.24	00.000	1477.2							
	OBS	00000	07.43	32.279	25.24		1477.2							
	OBS	00007	07.45	32.277	25.24		1477.4							
	STD	00010	06.93	32.25	25.32	00.027	1475.4							
	OBS	00011	06.63	32.295	25.36		1474.2							
	OBS	00015	05.83	32.520	25.64		1471.2							
	OBS	00016	05.50	32.630	25.74		1470.2							
	STD	00020	04.96	32.72	25.90	00.051	1468.1							
	OBS	00022	03.65	32.940	26.19		1463.8							
	OBS	00026	03.31	32.935	26.23		1461.6							
	STD	00030	03.16	33.00	26.30	00.070	1461.1							
	OBS	00033	03.05	33.005	26.31		1460.8							
	OBS	00038	03.68	33.142	26.55		1450.4							
	OBS	00045	- 0.04	33.153	26.67		1447.4							
	OBS	00046	- 0.65	33.294	26.78		1444.7							
	STD	00050	- 0.73	33.30	26.79	00.100	1444.4							
	OBS	00053	- 1.08	33.338	26.83		1442.9							
	OBS	00057	- 1.13	33.369	26.86		1442.7							
	STD	00075	- 1.00	33.52	26.68	00.130	1443.9							
	OBS	00076	- 0.55	33.530	26.98		1443.9							
	STD	00100	- 0.62	33.62	27.06	00.156	1444.6							
	OBS	00102	- 0.86	33.635	27.06		1445.1							
	OBS	00114	- 0.52	33.687	27.09		1447.0							
	STD	00125	- 0.40	33.78	27.16	00.180	1447.8							
	OBS	00125	- 0.33	33.810	27.18		1448.3							
	OBS	00144	00.05	33.680	27.22		1450.4							
	STD	00150	00.27	33.52	27.24	00.202	1451.5							
	OBS	00158	01.71	34.220	27.39		1455.2							
	STD	00200	01.72	34.22	27.39	00.240	1455.3							
	STD	00250	02.03	34.34	27.46	00.273	1461.6							
	OBS	00258	02.05	34.360	27.47		1462.0							
	OBS	00270	02.45	34.510	27.56		1464.0							
	OBS	00277	02.50	34.500	27.55		1464.3							
	STD	00300	02.71	34.57	27.59	00.303	1465.7							
	OBS	00300	02.72	34.570	27.59		1465.8							
	OBS	00365	03.23	34.700	27.64		1469.3							
	OBS	00386	03.35	34.720	27.65		1470.1							
	STD	00400	03.50	34.78	27.69	00.352	1471.0							
	OBS	00411	03.61	34.830	27.71		1471.8							
	OBS	00456	03.70	34.860	27.73		1472.5							
	STD	00500	03.75	34.89	27.74	00.395	1474.1							
	OBS	00510	03.81	34.84 P	27.70		1475.4							
	OBS	00555	03.80	34.910	27.75		1476.1							
	STD	00600	03.88	34.91	27.75	00.436	1476.2							
	OBS	00605	03.88	34.910	27.75		1476.2							
	OBS	00656	03.84	34.920	27.76		1476.9							
	STD	00700	03.85	34.92	27.76	00.477	1477.7							
	OBS	00702	03.85	34.924	27.76		1477.7							
	OBS	00750	03.82	34.925	27.77		1478.4							
	STD	00800	03.76	34.93	27.78	00.518	1479.0							
	OBS	00803	03.76	34.930	27.78		1479.0							
	OBS	00852	03.75	34.930	27.78		1479.8							
	STD	00900	03.70	34.91	27.77	00.555	1480.4							
	OBS	00902	03.70	34.910	27.77		1480.4							
	OBS	00951	03.70	34.930	27.78		1481.3							
	STD	01000	03.71	34.94	27.79	00.601	1482.1							
	OBS	01001	03.71	34.940	27.79		1482.1							
	STD	01100	03.72	34.93	27.78	00.642	1483.8							
	OBS	01100	03.72	34.927	27.78		1483.8							
	OBS	01199	03.71	34.934	27.79		1485.4							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 0035	YEAR 1973	BOAT 02698	AIR TEMP 12.1	OIA MGT PER	WIND-OIA 21	INST STO RECOADER	TEN SQ 1306
CONSEC 0302	MOYTH 07	SHIP EV	WET BULB 12.1	27 3 3	WIND-SPD 20	TRACE OIA	5 SQUARE 2
LAT 04 00.2N	CAY 07	DATA USE 1	SEA	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 18.2E	HOUR 07.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER X4	DRIG 011 487	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
07.7	STO	00000	08.17	32.51	25.32	00.000	1480.3							
	OBS	00000	08.17	32.510	25.32		1480.3							
	STO	00010	08.06	32.31	25.33	00.027	1480.1							
	OBS	00010	08.06	32.310	25.33		1480.1							
	STO	00020	08.72	32.42	25.57	00.052	1470.9							
	OBS	00020	08.72	32.420	25.57		1470.9							
	STO	00030	08.12	33.10	26.06	00.074	1473.5							
	OBS	00030	08.12	33.100	26.06		1473.5							
	STO	00050	- 0.64	33.51	26.56	00.105	1444.9							
	OBS	00050	- 0.63	33.310	26.96		1444.9							
	OBS	00060	- 0.60	33.590	27.02		1444.6							
	STO	00075	- 0.13	33.82	27.18	00.130	1448.3							
	OBS	00075	- 0.13	33.820	27.18		1448.3							
	STO	00100	00.40	34.04	27.33	00.130	1451.4							
	OBS	00100	00.40	34.040	27.33		1451.4							
	STO	00125	01.39	34.26	27.43	00.168	1457.5							
	OBS	00125	01.39	34.260	27.43		1457.5							
	STO	00130	02.48	34.43	27.50	00.184	1462.1							
	OBS	00130	02.48	34.430	27.50		1462.1							
	OBS	00175	02.92	34.540	27.53		1464.5							
	STO	00200	03.08	34.56	27.57	00.212	1465.7							
	OBS	00200	03.08	34.560	27.57		1465.7							
	OBS	00215	02.84	34.370	27.58		1464.9							
	OBS	00225	02.85	34.390	27.59		1465.1							
	STO	00230	02.88	34.60	27.60	00.239	1465.7							
	OBS	00250	02.88	34.600	27.60		1465.7							
	OBS	00275	02.56	34.630	27.61		1466.5							
	STO	00300	03.15	34.67	27.63	00.264	1467.7							
	OBS	00300	03.15	34.670	27.63		1467.7							
	OBS	00340	03.87	34.760	27.65		1471.6							
	OBS	00330	05.72	34.730	27.62		1471.1							
	OBS	00335	03.88	34.730	27.64		1471.0							
	OBS	00375	05.87	34.650	27.65		1472.7							
	STO	00400	04.05	34.87	27.70	00.311	1475.5							
	OBS	00400	04.05	34.870	27.70		1475.5							
	OBS	00430	04.34	34.520	27.71		1473.6							
	STO	00500	04.12	34.90	27.72	00.355	1475.5							
	OBS	00500	04.12	34.900	27.72		1475.5							
	OBS	00530	04.12	34.510	27.72		1476.3							
	STO	00600	04.04	34.91	27.75	00.395	1476.8							
	OBS	00600	04.04	34.910	27.75		1476.8							
	OBS	00630	03.99	34.510	27.74		1477.4							
	STO	00700	04.13	34.93	27.74	00.442	1478.9							
	OBS	00700	04.13	34.930	27.74		1478.9							
	OBS	00750	03.91	34.900	27.74		1478.7							
	STO	00800	03.87	34.50	27.74	00.486	1475.4							
	OBS	00800	03.87	34.900	27.74		1475.4							
	OBS	00830	05.86	34.500	27.74		1480.2							
	STO	00900	03.77	34.50	27.75	00.530	1480.6							
	OBS	00900	03.77	34.900	27.75		1480.6							
	OBS	00950	03.74	34.500	27.76		1481.3							
	STO	01000	03.74	34.50	27.76	00.573	1482.2							
	OBS	01000	03.74	34.500	27.76		1482.2							
	STO	01100	03.70	34.50	27.76	00.618	1483.7							
	OBS	01100	03.70	34.900	27.76		1483.7							
	STO	01200	03.70	34.51	27.77	00.662	1485.4							
	OBS	01200	03.70	34.910	27.77		1485.4							
	OBS	01210	03.70	34.910	27.77		1485.3							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

NOOC STATION DATA

REFID 31 8352	YEAR 1973	BJTDP 03255	AIR TEMP 13.0	OIR MGT PER	WIND-OIR 17	INST STO RECORDER	TEN SQ 1506
CONSEC 0303	MONTH 07	SHIP EV	WET BULB 13.0	22 3 4	WIND-SPO 13	TRACE OIR	5 SQUARE 2
LAT 44 05.4N	DAY 07	DATA USE 1	BAROMETER 1025.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 23 W	MOJR 05.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG Q11 488	1 SQUARE 48

CASSTNOM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
09.6	STO	00000	09.37	32.67	25.26	00.000	1485.1							
	OBS	00000	09.37	32.670	25.26		1485.1							
	OBS	00007	09.33	32.650	25.25		1485.0							
	STO	00010	08.96	32.56	25.23	00.027	1483.5							
	OBS	00011	08.60	32.540	25.28		1482.2							
	OBS	00019	04.88	32.970	26.10		1468.1							
	STO	00020	04.71	33.02	26.16	00.050	1467.5							
	OBS	00022	04.40	33.140	26.29		1466.4							
	OBS	00026	04.35	33.210	26.35		1466.4							
	STO	00030	04.09	33.25	26.41	00.068	1465.4							
	OBS	00030	04.04	33.260	26.42		1465.2							
	OBS	00034	03.35	33.410	26.60		1462.7							
	OBS	00038	05.05	33.420	26.64		1461.5							
	OBS	00045	01.50	33.540	26.86		1454.8							
	STO	00050	04.02	33.54	26.89	00.096	1452.7							
	OBS	00053	00.73	33.540	26.91		1451.5							
	OBS	00057	00.45	33.740	27.09		1450.5							
	OBS	00072	00.41	33.910	27.23		1450.8							
	STO	00075	00.40	33.97	27.27	00.121	1451.2							
	OBS	00080	00.71	34.040	27.31		1452.5							
	OBS	00083	01.05	34.050	27.30		1454.1							
	STO	00100	01.49	34.22	27.41	00.135	1456.6							
	OBS	00102	01.63	34.250	27.42		1457.3							
	OBS	00110	02.12	34.340	27.46		1459.7							
	STO	00125	02.39	34.30	27.45	00.156	1461.1							
	OBS	00125	02.40	34.360	27.45		1461.2							
	OBS	00133	02.20	34.380	27.48		1463.5							
	OBS	00140	02.54	34.390	27.40		1462.1							
	OBS	00148	02.32	34.430	27.49		1461.3							
	STO	00150	02.33	34.45	27.52	00.171	1461.4							
	OBS	00152	02.40	34.490	27.55		1461.8							
	OBS	00156	02.68	34.520	27.55		1463.1							
	OBS	00163	02.60	34.520	27.56		1462.9							
	OBS	00175	02.66	34.510	27.55		1463.4							
	OBS	00168	02.61	34.530	27.57		1463.5							
	STO	00200	02.76	34.56	27.58	00.195	1464.2							
	OBS	00201	02.87	34.580	27.58		1464.8							
	OBS	00213	03.19	34.590	27.56		1466.4							
	OBS	00217	02.53	34.580	27.58		1465.3							
	OBS	00220	02.92	34.640	27.63		1465.4							
	OBS	00228	03.29	34.730	27.66		1467.2							
	STO	00250	03.57	34.75	27.68	00.223	1468.9							
	OBS	00251	03.55	34.750	27.68		1465.0							
	OBS	00278	04.24	34.870	27.68		1472.3							
	OBS	00285	04.33	34.870	27.67		1472.8							
	OBS	00297	04.05	34.850	27.68		1471.8							
	STO	00300	04.11	34.86	27.68	00.246	1472.0							
	OBS	00304	04.18	34.870	27.69		1472.5							
	OBS	00350	04.25	34.870	27.67		1473.7							
	STO	00400	04.51	34.93	27.69	00.291	1475.5							
	OBS	00403	04.53	34.930	27.69		1475.6							
	OBS	00453	04.18	34.930	27.73		1475.0							
	STO	00500	04.05	34.92	27.73	00.335	1475.4							
	OBS	00502	04.05	34.920	27.73		1475.4							
	OBS	00552	04.05	34.920	27.74		1476.1							
	STO	00600	04.03	34.92	27.74	00.377	1476.8							
	OBS	00601	04.03	34.920	27.74		1476.8							
	OBS	00651	03.99	34.930	27.75		1477.5							
	STO	00700	03.91	34.92	27.75	00.415	1477.9							
	OBS	00750	03.90	34.930	27.76		1478.7							
	STO	00800	03.92	34.93	27.76	00.461	1479.6							
	OBS	00803	03.92	34.930	27.76		1479.7							
	OBS	00852	03.86	34.930	27.77		1480.3							
	STO	00900	03.83	34.93	27.77	00.503	1480.0							
	OBS	00902	03.83	34.930	27.77		1481.0							
	OBS	00951	03.83	34.920	27.77		1481.8							
	STO	01000	03.64	34.93	27.77	00.546	1482.6							
	OBS	01001	03.84	34.930	27.77		1482.7							
	STO	01100	03.80	34.94	27.78	00.585	1484.2							
	OBS	01100	03.80	34.940	27.78		1484.2							
	STO	01200	03.73	34.93	27.78	00.632	1485.5							
	OBS	01203	03.73	34.930	27.76		1485.6							
	OBS	01210	03.72	34.930	27.76		1485.7							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N D O C S T A T I O N O A T A

REFID 31 8555	YEAR 1973	BOTOP 03516	AIR TEMP 12.5	OIR HGT PER	WIND-OIR 24	INST STO RECORDER	TEN SW 1306
CONSEC 0304	MONTH 07	SHIP EV	WET BULB 12.5	19 2 3	WIND-SPD 20	TRACE OIR	5 SQUARE 2
LAT 44 37.7N	DAY 31	DATA USE 1	BAROMETR 1023.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 37.0W	MOOR 12.3	AREA 05	CLOUD T/A	CL/IR	WEATHER X4	ORIG 011 489	1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTIC	SND VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
12.5	STO	00030	08.98	32.51	25.20	00.000	1483.4							
	085	00033	08.98	32.510	25.20		1483.5							
	085	00037	08.55	32.413	25.18		1481.8							
	STO	00010	08.22	32.32	25.16	00.028	1480.5							
	085	00011	07.51	32.300	25.19		1479.2							
	085	00015	04.69	32.560	25.83		1466.8							
	STO	00020	04.57	32.63	25.87	00.053	1466.4							
	085	00022	04.05	32.793	26.35		1466.5							
	085	00026	02.95	32.530	26.26		1460.0							
	STO	00030	01.63	33.06	26.47	00.071	1454.5							
	085	00030	01.49	33.070	26.49		1453.9							
	085	00038	- 0.52	33.233	26.72		1445.1							
	085	00041	- 0.97	33.300	26.80		1443.1							
	085	00045	- 1.18	33.350	26.84		1442.3							
	STO	00053	- 1.17	33.35	26.84	00.099	1442.4							
	085	00053	- 1.14	33.350	26.84		1442.6							
	STO	00075	- 0.99	33.55	27.00	00.128	1443.9							
	085	00076	- 0.98	33.560	27.01		1444.0							
	STO	00100	- 0.70	33.67	27.09	00.153	1445.9							
	085	00102	- 0.65	33.650	27.10		1446.2							
	STO	00125	- 0.16	33.87	27.22	00.176	1445.0							
	085	00125	- 0.15	33.870	27.22		1445.1							
	085	00137	00.13	33.900	27.24		1450.5							
	085	00143	01.09	34.130	27.36		1455.3							
	085	00148	03.61	34.400	27.37		1466.8							
	STO	00150	04.02	34.46	27.38	00.196	1468.7							
	085	00152	04.55	34.550	27.39		1471.1							
	085	00156	05.38	34.703	27.41		1474.7							
	085	00171	04.70	34.580	27.40		1472.0							
	085	00175	04.52	34.550	27.39		1471.3							
	085	00179	04.25	34.530	27.39		1470.1							
	STO	00200	04.30	34.58	27.44	00.231	1470.9							
	085	00201	04.34	34.590	27.45		1471.1							
	085	00205	04.54	34.640	27.46		1472.1							
	085	00220	05.29	34.760	27.47		1475.5							
	085	00228	05.35	34.800	27.50		1475.9							
	085	00232	05.37	34.880	27.56		1476.2							
	085	00236	05.67	34.930	27.56		1477.5							
	STO	00250	05.73	34.93	27.55	00.262	1478.1							
	085	00251	05.76	34.930	27.55		1478.1							
	085	00270	05.35	34.930	27.58		1476.8							
	085	00278	05.25	34.880	27.57		1476.5							
	STO	00300	04.98	34.87	27.60	00.290	1475.7							
	085	00303	04.97	34.870	27.60		1475.7							
	085	00350	04.99	34.920	27.63		1476.6							
	STO	00400	04.92	34.93	27.65	00.342	1477.2							
	085	00403	04.92	34.930	27.65		1477.2							
	085	00453	04.85	34.543	27.67		1477.8							
	STO	00500	04.72	34.94	27.68	00.390	1478.0							
	085	00502	04.71	34.940	27.68		1478.0							
	085	00552	04.64	34.940	27.69		1478.5							
	STO	00600	04.62	34.94	27.69	00.438	1479.3							
	STO	00700	04.46	34.94	27.71	00.486	1480.3							
	085	00750	04.32	34.540	27.73		1480.5							
	STO	00800	04.09	34.93	27.75	00.531	1480.4							
	085	00845	03.51	34.930	27.76		1480.4							
	STO	00900	03.88	34.93	27.76	00.574	1481.1							
	STO	01000	03.83	34.92	27.76	00.617	1482.6							
	STO	01100	03.81	34.92	27.76	00.661	1484.2							
	085	01100	03.81	34.920	27.76		1484.2							
	STO	01200	03.81	34.94	27.78	00.706	1485.9							
	085	01214	03.81	34.540	27.78		1486.1							

TABLE III. Observed oceanographic data occupied by USCGC EVERGREEN,
13 June-14 July 1973.—Continued

N O O C S T A T I O N D A T A

REFID 31 8555	YEAR 1973	BOATOP 03058	AIR TEMP 14.0	DIR MGT 18	WIND-DIR 18	INST STD RECORDER	TEN SW 1506
CONSEC 0303	MONTH 07	SHIP EV	WET BULB 14.0	2 2	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2
LAT 05.3N	DAY 07	DATA USE 1	BARDNETR 1022.6	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 54.5W	MOJR 14.9	AREA 05	CLOUD T/A	CL/TA	WEATHER 44	ORIG 011 493	1 SQUARE 47

CASHTNUN/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNJ VCL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
14.9	STO	00003	10.55	32.00	25.06	00.000	1489.4							
	OBS	00003	10.55	32.000	25.06		1489.5							
	STO	00010	10.51	33.20	25.48	00.027	1490.1							
	OBS	00019	10.45	33.050	25.84		1490.6							
	STO	00020	10.34	33.08	25.89	00.050	1490.2							
	OBS	00022	09.52	33.720	25.95		1489.6							
	OBS	00026	09.12	33.050	26.06		1485.8							
	STO	00030	08.00	33.53	26.15	00.070	1481.5							
	OBS	00030	07.84	33.530	26.17		1480.9							
	OBS	00034	06.08	33.580	26.44		1474.1							
	OBS	00049	09.05	34.650	26.85		1487.4							
	STO	00050	08.57	34.65	26.87	00.101	1487.0							
	OBS	00053	08.46	34.660	26.96		1485.1							
	OBS	00066	08.37	34.740	27.03		1485.1							
	OBS	00072	08.18	34.720	27.05		1484.4							
	STO	00075	08.18	34.72	27.05	00.125	1484.5							
	OBS	00076	08.18	34.720	27.05		1484.5							
	OBS	00087	08.09	34.720	27.06		1484.3							
	OBS	00095	07.36	34.580	27.06		1481.5							
	STO	00100	07.42	34.64	27.10	00.155	1481.9							
	OBS	00102	07.45	34.670	27.12		1482.1							
	OBS	00114	07.54	34.720	27.14		1482.7							
	STO	00125	07.34	34.70	27.15	00.179	1482.0							
	OBS	00129	07.19	34.690	27.17		1481.5							
	OBS	00137	06.83	34.680	27.21		1480.2							
	STO	00150	07.16	34.74	27.21	00.202	1481.8							
	OBS	00152	07.19	34.750	27.22		1482.0							
	OBS	00175	07.05	34.770	27.25		1482.0							
	OBS	00198	06.81	34.740	27.26		1481.2							
	STO	00200	06.73	34.74	27.27	00.245	1480.9							
	OBS	00201	06.67	34.740	27.28		1480.7							
	OBS	00232	06.45	34.840	27.39		1480.5							
	OBS	00247	06.54	34.500	27.42		1481.2							
	STO	00250	06.34	34.86	27.42	00.283	1480.4							
	OBS	00251	06.27	34.850	27.42		1480.1							
	OBS	00266	06.33	34.860	27.42		1480.6							
	OBS	00274	05.63	34.730	27.41		1477.7							
	OBS	00278	05.56	34.800	27.47		1477.6							
	OBS	00281	05.60	34.800	27.47		1477.8							
	STO	00300	06.45	34.95	27.48	00.316	1481.7							
	OBS	00300	06.45	34.950	27.48		1481.8							
	OBS	00304	06.54	34.950	27.46		1482.2							
	OBS	00316	06.37	34.940	27.48		1481.7							
	OBS	00351	05.62	34.930	27.54		1478.9							
	OBS	00335	05.72	34.910	27.54		1475.3							
	OBS	00350	05.57	34.920	27.57		1475.0							
	OBS	00392	05.92	34.983	27.57		1481.2							
	STO	00400	05.68	34.97	27.59	00.375	1480.5							
	OBS	00403	05.58	34.960	27.60		1480.0							
	OBS	00453	05.05	34.54	27.66		1478.6							
	STO	00503	04.95	34.54	27.66	00.432	1475.0							
	OBS	00532	04.54	34.540	27.66		1479.0							
	OBS	00552	04.78	34.940	27.67		1479.1							
	STO	00630	04.62	34.54	27.69	00.482	1475.3							
	OBS	00601	04.62	34.940	27.69		1479.3							
	OBS	00651	04.51	34.930	27.70		1479.6							
	STO	00700	04.40	34.95	27.71	00.529	1480.0							
	OBS	00700	04.40	34.950	27.71		1480.0							
	OBS	00750	04.33	34.940	27.72		1480.5							
	STO	00800	04.26	34.53	27.73	00.576	1481.1							
	OBS	00803	04.25	34.930	27.73		1481.1							
	OBS	00852	04.13	34.520	27.73		1481.4							
	STO	00900	04.09	34.93	27.74	00.621	1482.0							
	OBS	00902	04.05	34.930	27.74		1482.1							
	OBS	00951	04.04	34.520	27.74		1482.7							
	STO	01000	03.57	34.55	27.77	00.665	1463.2							
	OBS	01001	03.97	34.550	27.77		1483.2							
	STO	01100	03.87	34.94	27.77	00.705	1484.5							
	OBS	01100	03.87	34.543	27.77		1484.5							
	OBS	01153	03.82	34.940	27.78		1485.1							
	STO	01200	03.85	34.92	27.76	00.754	1486.0							
	OBS	01203	03.85	34.520	27.76		1486.1							
	OBS	01210	03.85	34.530	27.77		1486.2							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.

MOOC STATION DATA
ARCHIVE LISTING

REFID 31 2142	YEAR 1973	BOTOP 05249	AIR TEMP 15.0	DIR HGT PER	WIND-DIR 03	INST NANSEN CAST	TEN 50 1207
CONSEC 0001	MONTH 01	SHIP CM	MET BULB 12.0	24 6 4	WIND-SPD 04	TRACE DIR	5 SQUARE 3
LAT 37 21 N	DAY 31	DATA USE 1	BAROMETR 1025.6	SEA	WIND-FOR	DURATION	2 SQUARE 60
LONG 050 21.5W	MOJR 22.2	AREA 05	CLOUD T/A 4/6	CL/TR	WEATHER A1	ORIG A4 027	1 SQUARE 70

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
22.2	STO	00000	18.25	36.40	26.30	00.000	1518.9							
	085	00000	18.25	36.401	26.30		1518.9							
	STO	00010	18.25	36.40	26.30	00.017	1518.1							
	STO	00020	18.26	36.40	26.30	00.035	1519.2							
22.2	085	00025	18.26	36.403	26.30		1519.3							
	STO	00030	18.25	36.40	26.30	00.052	1519.4							
	STO	00050	18.21	36.40	26.31	00.087	1519.6							
22.2	085	00050	18.21	36.397	26.31		1519.6							
	STO	00075	18.13	36.38	26.31	00.131	1519.8							
22.4	085	00075	18.13	36.382	26.31		1519.8							
	STO	00100	18.03											
22.2	085	00100	18.03											
	STO	00125	18.03											
	STO	00150	18.03											
22.2	085	00150	18.03											
	STO	00200	17.84											
22.2	085	00205	17.83											
	STO	00250	17.79											
	STO	00300	17.75											
22.2	085	00305	17.75											
	STO	00400	17.16											
22.2	085	00405	17.12											
	STO	00500	15.99											
22.2	085	00510	15.86											
	STO	00600	14.60											
22.2	085	00610	14.44											
	STO	00700	12.35											
	STO	00800	10.47											
22.2	085	00810	10.31											
	STO	00900	09.26											
	STO	01000	08.21											
22.2	085	01015	08.06											
22.2	085	01525		34.991										
	STO	01750		34.99										
00.6	085	01936	04.01											
	STO	02000	03.96	34.99	27.80		1500.0							
00.6	085	02225	03.63											
	STO	02500	03.57	34.98	27.84		1506.9							
00.6	085	02915	03.25											
	STO	03000	03.19	34.98	27.87		1513.9							
00.6	085	03423	02.86	34.977	27.90		1519.9							

REFID 11 2142	YEAR 1973	BOTOP 05237	AIR TEMP 15.5	DIR HGT PER	WIND-DIR 53	INST NANSEN CAST	TEN 50 1207
CONSEC 0602	MONTH 02	SHIP CM	MET BULB 13.0	24 3 4	WIND-SPD 25	TRACE DIR	5 SQUARE 3
LAT 37 49 N	DAY 01	DATA USE 1	BAROMETR 1025.2	SEA	WIND-FOR	DURATION	2 SQUARE 60
LONG 050 20 W	MOJR 05.3	AREA 05	CLOUD T/A 3/1	CL/TR	WEATHER A1	ORIG A4 027	1 SQUARE 70

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.3	STO	00000	18.06	36.42	26.36	00.000	1518.4							
	085	00000	18.06	36.424	26.35		1518.4							
	STO	00010	18.08	36.42	26.36	00.017	1518.6							
	STO	00020	18.09	36.42	26.35	00.034	1518.8							
05.3	085	00021	18.09	36.420	26.35		1518.8							
	STO	00030	18.05	36.42	26.35	00.050	1518.9							
05.3	085	00039	18.05	36.416	26.35		1519.1							
	STO	00050	18.08	36.42	26.36	00.084	1519.3							
05.3	085	00062	18.08	36.421	26.36		1519.4							
	STO	00075	18.08	36.42	26.35	00.127	1519.7							
05.3	085	00081	18.08	36.415	26.35		1519.7							
	STO	00100	18.08	36.42	26.35	00.170	1520.1							
	STO	00125	18.08	36.42	26.35	00.213	1520.5							
05.3	085	00125	18.08	36.418	26.35		1520.5							
	STO	00150	18.10	36.42	26.35	00.256	1520.9							
05.3	085	00170	18.10	36.418	26.35		1521.3							
	STO	00200	18.06	36.42	26.36	00.343	1521.7							
	STO	00250	18.02	36.43	26.38	00.430	1522.4							
05.3	085	00260	18.02	36.431	26.38		1522.5							
	STO	00300	18.02	36.43	26.38	00.518	1523.2							
05.3	085	00352	18.05	36.425	26.37		1524.1							
	STO	00400	17.58	36.43	26.48	00.690	1523.5							
05.3	085	00465	17.19	36.426	26.58		1523.1							
	STO	00500	16.80	36.35	26.62	00.855	1522.8							
05.3	085	00538	16.48	36.293	26.65		1522.4							
	STO	00600	16.05	36.21	26.68	01.013	1522.3							
	STO	00700	14.92	36.02	26.79	01.165	1519.9							
	STO	00800	13.26	35.77	26.95	01.305	1515.8							
05.3	085	00866	12.74	35.657	27.00		1514.4							
	STO	00900	10.94	35.45	27.15	01.428	1505.1							
05.3	085	00935	10.17	35.346	27.21		1506.8							
05.3	085	01451	04.87	35.042	27.74		1496.6							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.—Continued

MOOC STATION DATA

REFID 31 2142	YEAR 1973	BOTOP 05172	AIR TEMP 14.4	DIR HGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SQ 1207
CONSEC 0003	MONTH 02	SHIP CM	MET BULB 12.5	27 3 2	WIND-SPO 25	TRACE DIR	5 SQUARE 3
LAT 38 20 N	DAY 01	DATA USE 1	BAROMETER 1021.0	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 18 W	MOOR 05.5	AREA 05	CLOUD T/A 3/5	CL/TR	WEATHER XB	ORIG A4 027	1 SQUARE 80

CSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STO	00000	17.91	36.42	26.40	00.000	1517.9							
09.5	DBS	00000	17.91	36.422	26.40		1517.9							
	STO	00010	17.95	36.42	26.39	00.016	1518.2							
09.5	DBS	00019	17.97											
	STO	00020	17.97	36.42	26.39	00.033	1518.4							
	STO	00050	17.96	36.42	26.36	00.050	1518.6							
09.5	DBS	00057	17.96	36.423	26.39		1518.7							
	STO	00055	17.95	36.41	26.38	00.083	1518.9							
09.5	DBS	00055	17.95	36.412	26.38		1518.9							
09.5	DBS	00073	17.96	36.416	26.38		1519.3							
	STO	00073	17.96	36.42	26.38	00.125	1519.3							
	STO	00100	17.97	36.41	26.38	00.167	1519.8							
09.5	DBS	00109	17.98	36.414	26.38		1519.9							
	STO	00125	17.99	36.41	26.37	00.209	1520.2							
09.5	DBS	T00143	18.00	36.414	26.37		1520.5							
	STO	00150	18.00	36.41	26.37	00.252	1520.6							
	STO	00200	17.99	36.42	26.38	00.338	1521.4							
09.5	DBS	00210	17.99	36.416	26.38		1521.6							
	STO	00250	17.98	36.39	26.36	00.425	1522.2							
09.5	DBS	T00253	17.98	36.390	26.36		1522.3							
	STO	00300	17.77	36.39	26.41	00.513	1522.4							
09.5	DBS	00335	17.68	36.402	26.44		1522.7							
09.5	DBS	T00352	17.67	36.436	26.47		1523.7							
	STO	00400	17.67	36.43	26.47	00.684	1523.8							
	STO	00500	17.61	36.42	26.47	00.856	1525.3							
09.5	DBS	T00517	17.60	36.415	26.47		1525.5							
	STO	00600		36.32										
09.5	DBS	00645		36.254										
	STO	00700		36.15										
	STO	00800		35.93										
	STO	00900		35.65										
	STO	01000		35.31										
09.5	DBS	T01013	00.37	35.257	27.28		1505.1							

REFID 31 2142	YEAR 1973	BOTOP 05216	AIR TEMP 06.8	DIR HGT PER	WIND-DIR 30	INST NANSEN CAST	TEN SQ 1207
CONSEC 0004	MONTH 02	SHIP CM	MET BULB 03.6	32 5 4	WIND-SPO 15	TRACE DIR	5 SQUARE 3
LAT 39 00 N	DAY 02	DATA USE 1	BAROMETER 1038.5	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 21 W	MOOR 11.7	AREA 05	CLOUD T/A 8/7	CL/TR	WEATHER X1	ORIG A4 027	1 SQUARE 80

CSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STO	00000	19.07	36.34	26.05	00.000	1521.1							
11.7	DBS	00000	19.07	36.344	26.05		1521.1							
	STO	00010	19.14	36.35	26.04	00.020	1521.4							
	STO	00020	19.13	36.35	26.04	00.040	1521.6							
11.7	DBS	00024	19.13	36.349	26.04		1521.7							
	STO	00030	19.12	36.35	26.04	00.060	1521.8							
11.7	DBS	00044	19.10	36.352	26.05		1522.0							
	STO	00050	19.07	36.34	26.04	00.099	1521.9							
11.7	DBS	00068	18.91	36.318	26.07		1521.8							
	STO	00075	18.80	36.32	26.10	00.149	1521.6							
11.7	DBS	00085	18.63	36.326	26.15		1521.3							
	STO	00100	18.62	36.34	26.16	00.197	1521.5							
	STO	00125	18.50	36.37	26.21	00.244	1521.6							
11.7	DBS	00134	18.43	36.378	26.24		1521.6							
	STO	00150	18.25	36.35	26.26	00.290	1521.3							
11.7	DBS	00160	17.78	36.235	26.29		1520.3							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.-Continued

NOODL STATION DATA

REFID 31 2142	YEAR 1973	BDTOP 05220	AIR TEMP 05.8	DIR MGT PER	WIND-DIR 29	INST NANSEN CAST	TEN SQ 1237
CONSEC 0005	MONTH 02	SHIP CM	WET BULB 03.8	31 9 5	WIND-SPD 30	TRACE DIR	5 SQUARE 3
LAT 39 50 N	DAY 02	DATA USE 1	BAROMETR 1038.0	SEA	WIND-FDR	DURATION	2 SQUARE 80
LONG 090 20 W	MOUR 15.3	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER X1	DRIG A4 027	1 SQUARE 90

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	P04	TOT P	MO2	MO3	S103	PH
	STD	00000	13.07	35.25	26.55	00.000	1501.4							
15.3	DBS	00000	13.07	35.251	26.59		1501.4							
	STD	00010	13.10	35.25	26.55	00.015	1501.7							
	STD	00020	13.11	35.25	26.59	00.029	1501.9							
15.3	DBS	00020	13.11	35.254	26.59		1501.9							
	STD	00030	13.11	35.25	26.58	00.044	1502.0							
15.3	DBS	00030	13.11	35.250	26.58		1502.2							
	STD	00040	13.11	35.25	26.58	00.073	1502.4							
15.3	DBS	00040	13.13	35.258	26.58		1502.6							
	STD	00050	13.17	35.28	26.59	00.110	1503.0							
15.3	DBS	00050	13.18	35.262	26.59		1503.1							
	STD	00100	13.20	35.30	26.60	00.147	1503.5							
15.3	DBS	00120	13.28	35.311	26.59		1504.2							
	STD	00125	13.35	35.34	26.60	00.184	1504.5							
	STD	00150	13.55	35.44	26.63	00.221	1505.8							
15.3	DBS	T00160	13.63	35.464	26.64		1506.2							
	STD	00200	13.27	35.47	26.72	00.252	1505.6							
15.3	DBS	00237	12.82	35.477	26.82		1504.7							
	STD	00250	12.64	35.46	26.84	00.359	1504.3							
	STD	00300	11.80	35.40	26.95	00.421	1502.2							
15.3	DBS	T00309	11.62	35.381	26.98		1501.7							
15.3	DBS	00375	10.11	35.232	27.13		1497.2							
	STD	00400	09.78	35.20	27.16	00.530	1496.4							
15.3	DBS	T00435	09.27	35.151	27.21		1495.1							
	STD	00500	08.40	35.15	27.35	00.622	1492.6							
	STD	00600	07.17	35.13	27.52	00.697	1485.6							
15.3	DBS	T00613	07.03	35.126	27.53		1485.4							
15.3	DBS	00676		35.110										
	STD	00700		35.11										
	STD	00800		35.10										
	STD	00900		35.09										
	STD	01000		35.08										
15.3	DBS	T01020	04.78	35.081	27.79		1487.1							

REFID 31 2142	YEAR 1973	BDTOP 04405	AIR TEMP 05.0	DIR MGT PER	WIND-DIR 32	INST NANSEN CAST	TEN SQ 1307
CONSEC 0306	MONTH 02	SHIP CM	WET BULB 02.8	30 9 5	WIND-SPD 20	TRACE DIR	5 SQUARE 1
LAT 40 19 N	DAY 02	DATA USE 1	BAROMETR 1037.4	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 090 21 W	MOUR 18.8	AREA 05	CLOUD T/A 6/7	CL/TR	WEATHER X1	DRIG A4 027	1 SQUARE 00

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	P04	TOT P	MO2	MO3	S103	PH
	STD	00000	14.17	35.58	26.61	00.000	1505.4							
18.6	DBS	00000	14.17	35.577	26.61		1505.4							
	STD	00010	14.13	35.57	26.62	00.014	1505.5							
	STD	00020	14.08	35.55	26.61	00.029	1505.5							
	STD	00030	14.04	35.53	26.60	00.043	1505.5							
18.8	DBS	00035	14.02	35.510	26.59		1505.4							
	STD	00050	13.69	35.45	26.62	00.072	1504.5							
18.8	DBS	00065	13.37	35.376	26.63		1503.6							
	STD	00075	13.07	35.30	26.63	00.108	1502.7							
	STD	00100	12.71	35.20	26.62	00.144	1501.8							
18.8	DBS	00100	12.71	35.200	26.62		1501.8							
	STD	00125	12.55	35.26	26.62	00.181	1503.1							
18.8	DBS	00130	12.59	35.274	26.63		1503.3							
	STD	00150	13.00	35.44	26.75	00.212	1503.9							
18.8	DBS	00195	13.03	35.648	26.91		1505.0							
	STD	00200	12.55	35.64	26.92	00.280	1504.8							
	STD	00250	12.12	35.57	27.02	00.337	1502.7							
18.8	DBS	T00260	11.94	35.550	27.05		1502.2							
	STD	00300	10.92	35.41	27.13	00.390	1499.1							
18.8	DBS	00351	09.01	35.201	27.29		1493.4							
	STD	00400	08.07	35.15	27.31	00.484	1493.0							
18.8	DBS	T00481	07.68	35.144	27.45		1489.8							
	STD	00500	07.42	35.14	27.49	00.561	1485.1							
	STD	00600	06.30	35.12	27.63	00.624	1488.3							
18.8	DBS	00656	05.83	35.108	27.68		1485.3							
	STD	00700	05.59	35.11	27.71	00.676	1485.1							
18.6	DBS	T00776	05.23	35.095	27.75		1484.9							
	STD	00800	05.15	35.05	27.75	00.724	1485.0							
	STD	00900	04.85	35.07	27.77	00.768	1485.4							
	STD	01000	04.55	35.06	27.79	00.812	1485.9							
18.8	DBS	T01047	04.47	35.052	27.80		1486.2							
	STD	01100		35.05										
	STD	01200		35.04										
	STD	01300		35.03										
18.8	DBS	01308		35.034										
	STD	01400		35.03										
	STD	01500		35.03										
	STD	01750		35.02										
18.8	DBS	T01967	03.60	35.020	27.86		1498.0							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.--Continued

NOGOSTATION DATA

REF ID	31 2142	YEAR	1973	OTOP	05875	AIR TEMP	04.7	OIR HGT PER		WIND-DIR	30	INST	NANSEN	CAS	TEN	SO	1307
CONSEC	0007	MONTH	02	SHIP CM		WET BULB	01.5	31 7 4		WIND-SPO	14	TRACE	OIR		5	SQJARE	1
LAT	40 50 N	DAY	02	DATA USE	1	BAROMETER	1038.5	SEA		WIND-FOR		DURATION			2	SQJARE	00
LONG	050 22 W	HOUR	22.6	AREA	05	CLOUD T/A	6/1	CL/TR		WEATHER	X1	ORIG	A4 027		1	SQJARE	00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PD4	TOT P	MO2	MO3	S103	PH
	STO	00000	16.53	36.20	26.56	00.000	1513.6							
22.6	OBS	00000	16.53	36.201	26.56		1513.6							
	STO	00010	16.54	36.20	26.56	00.015	1513.8							
	STO	00020	16.55	36.20	26.56	00.030	1514.0							
22.6	OBS	00024	16.55	36.201	26.56		1514.1							
	STO	00030	16.55	36.20	26.56		1514.2							
22.6	OBS	00047	16.56			00.045	1514.5							
	STO	00050	16.56	36.20	26.56	00.075	1514.5							
22.6	OBS	00073	16.54	36.202	26.56		1514.6							
	STO	00075	16.54	36.20	26.56	00.112	1514.8							
22.6	OBS	00095	16.52	36.193	26.56		1515.1							
	STO	00100	16.54	36.21	26.57	00.150	1515.3							
	STO	00125	16.60	36.26	26.56	00.186	1516.1							
22.6	OBS	00143	16.74	36.258	26.56		1516.6							
	STO	00150	16.59	36.24	26.58	00.226	1516.3							
22.6	OBS	T00160	15.72	36.135	26.70		1514.2							
	STO	00200	15.53	36.11	26.73	00.258	1515.7							
	STO	00250	14.51	35.98	26.85	00.365	1511.1							
22.6	OBS	00285	13.73	35.870	26.93		1509.0							
	STO	00300	13.36	35.81	26.96	00.427	1508.0							
22.6	OBS	T00381	11.32	35.496	27.12		1502.0							
	STO	00400	10.74	35.42	27.17	00.536	1500.2							
22.6	OBS	00477	08.60	35.204	27.33		1494.1							
	STO	00500	08.40	35.18	27.38	00.627	1492.9							
22.6	OBS	T00574	07.24	35.129	27.51		1489.6							
	STO	00600	06.90	35.11	27.54	00.699	1488.7							
	STO	00700	05.81	35.06	27.64	00.760	1485.9							
	STO	00800	05.03	35.03	27.71	00.812	1484.4							
22.6	OBS	T00871	04.67	35.018	27.75		1484.1							
	STO	00900	04.60	35.02	27.76	00.858	1484.3							
22.6	OBS	T00985	04.42	35.025	27.78		1484.9							
22.6	OBS	T01511	03.94	35.050	27.84		1491.8							

REF ID	31 2142	YEAR	1973	OTOP	05580	AIR TEMP	04.6	OIR HGT PER		WIND-DIR	29	INST	NANSEN	CAS	TEN	SO	1307
CONSEC	0006	MONTH	02	SHIP CM		WET BULB	01.4	00 0 X		WIND-SPO	05	TRACE	OIR		5	SQJARE	1
LAT	41 20 N	DAY	03	DATA USE	1	BAROMETER	1037.3	SEA		WIND-FOR		DURATION			2	SQJARE	00
LONG	050 21 W	HOUR	02.3	AREA	05	CLOUD T/A	6/1	CL/TR		WEATHER	X1	ORIG	A4 027		1	SQJARE	10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PD4	TOT P	MO2	MO3	S103	PH
	STO	00000	14.31	35.65	26.67	00.000	1506.0							
02.3	OBS	00000	14.31	35.686	26.67		1506.0							
	STO	00010	14.32	35.68	26.66	00.014	1506.2							
	STO	00020	14.33	35.68	26.66	00.028	1506.4							
02.3	OBS	00024	14.34											
	STO	00030	14.32	35.68	26.66	00.042	1506.6							
02.3	OBS	00047	14.28	35.669	26.66		1506.7							
	STO	00050	14.27	35.67	26.66	00.070	1506.7							
02.3	OBS	00071	14.23	35.659	26.66		1506.9							
	STO	00075	14.23	35.66	26.66	00.105	1507.0							
02.3	OBS	00094	14.23	35.648	26.66		1507.3							
	STO	00100	14.21	35.65	26.66	00.140	1507.3							
	STO	00125	14.13	35.63	26.67	00.176	1507.4							
02.3	OBS	00142	14.09	35.625	26.67		1507.6							
	STO	00150	14.07	35.68	26.71	00.211	1507.7							
02.3	OBS	T00165	13.55	35.846	26.86		1508.4							
	STO	00200	13.65	35.83	26.88	00.277	1508.0							
	STO	00250	12.80	35.69	26.99	00.336	1505.1							
02.3	OBS	00288	11.96	35.584	27.07		1502.8							
	STO	00300	11.69	35.55	27.09	00.391	1502.0							
02.3	OBS	00382	09.76	35.301	27.25		1496.2							
	STO	00400	09.19	35.24	27.29	00.468	1494.3							
02.3	OBS	00460	07.28	35.040	27.43		1488.1							
	STO	00500	07.09	35.33	27.45	00.568	1487.7							
02.3	OBS	T00575	06.39	35.303	27.52		1486.1							
	STO	00600	06.11	34.59	27.55	00.635	1485.4							
	STO	00700	05.21	34.66	27.64	00.694	1483.4							
02.3	OBS	T00765	04.81	34.550	27.68		1482.6							
	STO	00800	04.71	34.55	27.69	00.746	1483.0							
	STO	00900	04.48	34.94	27.71	00.796	1483.7							
02.3	OBS	T00995	04.37	34.944	27.72		1484.1							
02.3	OBS	T01457	04.03	34.962	27.77		1490.8							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.—Continued

NOOC STATION DATA

REFID 31 2142	YEAR 1973	BOTOP 03720	AIR TEMP 07.0	DIR HGT PER	WIND-DIR 25	INST MANSEN CAST	TEN SW 1337
CONSEC 0305	MONTH 02	SHIP CM	WET BULB 04.8	27 3 4	WIND-SPD 15	TRACE DIR	5 SQUARE 1
LAT 41 50 N	DAY 03	DATA USE 1	BAROMETR 1035.7	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 330 20 W	MOJR 05.8	AREA 05	CLOUD T/A 6/5	CL/TR	WEATHER A1	ORIG A4 027	1 SQUARE 10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
35.0	STO	00000	13.54	35.46	26.66	00.000	1503.2							
	085	00000	13.54	35.456	26.66		1533.2							
	STO	00010	13.55	35.44	26.64	00.014	1503.4							
05.6	085	00014	13.55	35.439	26.64		1503.5							
	STO	00020	13.56	35.44	26.63	00.026	1503.6							
05.6	085	00025	13.57	35.434	26.63		1503.7							
	STO	00030	13.57	35.43	26.63	00.042	1503.8							
05.6	085	00041	13.58	35.434	26.63		1504.0							
	STO	00050	13.58	35.43	26.63	00.071	1504.1							
05.6	085	00054		35.431										
	STO	00075	13.57	35.44	26.63	00.107	1504.5							
35.6	085	00085	13.57	35.437	26.63		1504.7							
	STO	00100	13.57	35.44	26.63	00.143	1504.9							
05.6	085	00117	13.57	35.432	26.63		1505.2							
	STO	00125	13.40	35.43	26.66	00.175	1504.8							
	STO	00150	12.85	35.41	26.76	00.213	1503.3							
35.6	085	00190	11.98	35.393	26.92		1501.0							
	STO	00200	11.77	35.37	26.94	00.276	1500.4							
	STO	00250	10.65	35.25	27.04	00.333	1497.3							
05.6	085	00268	13.28	35.212	27.09		1496.1							
	STO	00300	09.43	35.16	27.19	00.384	1493.4							
05.6	085	00345	38.36	35.092	27.31		1490.1							
	STO	00400	37.53	35.05	27.40	00.465	1487.9							
05.6	085	00430	07.17	35.032	27.44		1486.8							
	STO	00530	36.43	35.01	27.53	00.555	1485.0							
	STO	00600	05.40	35.00	27.62	00.599	1483.3							
05.6	085	00668	05.19	34.997	27.67		1482.8							
	STO	00700	05.06	35.00	27.69	00.652	1482.8							
05.6	085	00757	04.85	35.008	27.72		1482.9							
05.6	085	001176	04.26	34.979	27.76		1487.4							

REFID 31 2142	YEAR 1973	BOTOP 03585	AIR TEMP 03.1	DIR HGT PER	WIND-DIR 12	INST MANSEN CAST	TEN SW 1307
CONSEC 0310	MONTH 02	SHIP CM	WET BULB 01.9	27 3 4	WIND-SPD 08	TRACE DIR	5 SQUARE 1
LAT 42 11 N	DAY 03	DATA USE 1	BAROMETR 1034.4	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 330 20 W	MOJR 05.2	AREA 05	CLOUD T/A 6/3	CL/TR	WEATHER A1	ORIG A4 027	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
39.2	STO	00000	02.85	33.20	26.45	00.000	1459.5							
	085	00000	02.85	33.203	26.49		1459.5							
	STO	00013	02.84	33.21	26.49	00.016	1459.6							
	STO	00020	02.73	33.21	26.51	00.031	1459.4							
05.2	085	00028	02.58	33.216	26.52		1458.8							
	STO	00030	02.53	33.22	26.53	00.046	1458.6							
	STO	00050	01.83	33.27	26.62	00.076	1456.0							
39.2	085	00051	31.79	33.271	26.63		1455.8							
	STO	00075	00.28	33.59	26.98	00.107	1449.9							
09.2	085	00079	00.25	33.632	27.01		1449.8							
	STO	00100	01.16	33.75	27.09	00.133	1454.5							
39.2	085	00102	01.26	33.804	27.09		1455.0							
	STO	00125	03.11	34.17	27.24	00.156	1464.0							
	STO	00150	04.35	34.45	27.33	00.176	1470.0							
09.2	085	00155	04.44	34.465	27.34		1470.5							
	STO	00200	04.20	34.57	27.45	00.212	1470.4							
09.2	085	00205	04.19	34.584	27.46		1470.5							
	STO	00250	04.40	34.70	27.53	00.244	1472.2							
	STO	00300	04.57	34.80	27.59	00.272	1473.9							
09.2	085	00307	04.59	34.812	27.59		1474.1							
	STO	00400	04.74	34.92	27.66	00.323	1476.3							
39.2	085	00409	04.72	34.924	27.67		1476.5							
	STO	00500	04.53	34.95	27.71	00.370	1477.3							
39.2	085	00512	04.52	34.955	27.72		1477.4							
	STO	00600	04.58	34.95	27.74	00.414	1475.2							
39.2	085	00614	04.58	34.957	27.74		1479.4							
	STO	00700	04.47	35.00	27.76	00.457	1480.4							
	STO	00800	04.36	35.00	27.77	00.495	1481.6							
	STO	00900	04.26	35.00	27.78	00.541	1482.5							
09.2	085	00916	04.25	35.004	27.78		1483.1							
	STO	01000	04.18	35.01	27.75	00.585	1484.2							
09.2	085	01028	04.16	35.006	27.80		1484.6							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.—Continued

NOOC STATION DATA

REFID 31 21-2	YEAR 1973	BOTOP 01737	AIR TEMP 02.2	DIR MGT PER	WIND-DIR 17	INST MANSEN CAST	TEN SQ 1307
CONSEC 0312	MONTH 02	SHIP CM	WET BULB 01.5	30 5 3	WIND-SPO 06	TRACE DIR	5 SQUARE 1
LAT 42 30 N	DAY 03	DATA USE 1	BAROMETR 1033.5	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 20.5 W	MOJR 13.8	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER A1	DRIG A4 027	1 SQUARE 20

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DRYG	PDA	TOT P	NO2	NO3	SIO3	PH
	STO	00000	03.01	33.22	26.69	00.000	1446.9							
11.8	085	00030	03.01	33.216	26.69		1446.9							
	STO	00030	03.01	33.21	26.69	00.014	1447.0							
	STO	00020	00.01	33.21	26.69	00.027	1447.2							
	STO	00030	03.01	33.21	26.68	00.041	1447.3							
11.8	085	00050	00.01	33.210	26.68		1447.3							
	STO	00050	03.11	33.37	26.61	03.067	1448.4							
11.8	085	00055	00.12	33.419	26.85		1448.6							
	STO	00075	03.33	33.64	27.03	00.096	1448.8							
11.8	085	00085	- 0.01	33.734	27.11		1448.9							
	STO	00100	00.44	33.85	27.17	00.120	1451.4							
11.8	085	00110	03.71	33.913	27.21		1452.8							
	STO	00125	00.98	33.98	27.25	00.142	1454.4							
	STO	00150	01.46	34.11	27.32	03.162	1457.1							
11.8	085	00164	01.73	34.182	27.36		1458.7							
	STO	00200	02.51	34.40	27.47	00.196	1463.3							
11.8	085	00219	02.88	34.506	27.52		1465.3							
	STO	00250	03.52	34.65	27.58	00.226	1468.5							
	STO	00300	04.23	34.82	27.64	00.251	1472.5							
11.8	085	00325	04.47	34.888	27.67		1474.1							
	STO	00400	04.30	34.90	27.70	00.296	1474.6							
11.8	085	00435	04.21	34.506	27.71		1474.8							
	STO	00500	04.07	34.91	27.73	00.342	1475.3							
11.8	085	00549	04.00	34.918	27.74		1475.8							
	STO	00600	04.03	34.92	27.74	03.384	1476.6							
11.8	085	00658	04.03	34.923	27.75		1477.6							
	STO	00700	03.98	34.92	27.75	00.426	1470.2							
	STO	00800	03.94	34.92	27.75	00.469	1475.7							
	STO	00900	03.89	34.92	27.76	00.512	1481.2							
11.8	085	00983	03.83	34.924	27.76		1482.4							
	STO	01000	03.84	34.92	27.76	00.556	1482.6							
	STO	01100	03.79	34.92	27.77	03.599	1484.1							
11.8	085	01132	03.74	34.925	27.77		1484.1							
11.8	085	011651	03.71	34.954	27.80		1493.1							

REFID 31 21-2	YEAR 1973	BOTOP 01737	AIR TEMP 02.2	DIR MGT PER	WIND-DIR 17	INST MANSEN CAST	TEN SQ 1307
CONSEC 0312	MONTH 02	SHIP CM	WET BULB 01.5	30 0 3	WIND-SPO 08	TRACE DIR	5 SQUARE 1
LAT 42 40 N	DAY 03	DATA USE 1	BAROMETR 1033.5	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 20 W	MOJR 13.8	AREA 05	CLOUD T/A 4/6	CL/TR	WEATHER X2	DRIG A4 027	1 SQUARE 20

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DRYG	PDA	TOT P	NO2	NO3	SIO3	PH
	STO	00000	- 1.21	32.84	26.43	03.000	1443.7							
13.8	085	00000	- 1.21	32.842	26.43		1440.7							
	STO	00010	- 1.21	32.85	26.44	00.016	1440.8							
	STO	00020	- 1.22	32.85	26.44	00.032	1441.3							
13.8	085	00025	- 1.22	32.851	26.44		1441.0							
	STO	00030	- 1.31	32.89	26.48	00.048	1440.8							
	STO	00050	- 1.54	33.32	26.59	03.078	1440.2							
13.8	085	00050	- 1.54	33.025	26.59		1440.2							
	STO	00075	- 1.53	33.10	26.65	00.113	1440.9							
13.8	085	00075	- 1.50	33.105	26.65		1440.9							
	STO	00100	- 1.43	33.17	26.71	00.148	1441.7							
13.8	085	00101	- 1.43	33.176	26.71		1441.8							
	STO	00125	- 1.42	33.23	26.76	03.180	1442.3							
	STO	00150	- 1.43	33.29	26.80	03.212	1442.9							
13.8	085	00151	- 1.40	33.296	26.81		1442.9							
	STO	00200	- 1.20	33.39	26.88	00.272	1444.4							
13.8	085	00207	- 1.20	33.417	26.90		1444.5							
	STO	00250	03.21	33.83	27.17	00.324	1452.7							
	STO	00300	01.92	34.20	27.39	00.364	1460.0							
13.8	085	00307	01.68	34.240	27.41		1460.9							
	STO	00400	03.09	34.58	27.56	03.424	1469.0							
13.8	085	00438	03.18	34.603	27.57		1469.6							
	STO	00500	03.50	34.78	27.64	00.482	1474.4							
13.8	085	00514	03.97	34.793	27.65		1474.9							
	STO	00600	04.11	34.82	27.66	00.532	1477.0							
13.8	085	00615	04.13	34.829	27.66		1477.3							
	STO	00700	04.13	34.85	27.68	00.582	1478.7							
	STO	00800	04.11	34.87	27.70	00.631	1480.3							
13.8	085	00817	04.13	34.875	27.70		1480.6							
	STO	00900	04.06	34.88	27.71	00.680	1481.8							
	STO	01000	04.01	34.88	27.71	00.728	1483.3							
13.8	085	01023	04.00	34.886	27.72		1483.6							
13.8	085	01038	03.73	34.921	27.77		1491.2							

TABLE IV. Observed oceanographic data occupied by USCGC CAMPBELL (A4-27)
29 January-2 February 1973.—Continued

NOOC STATION DATA

REFID 24 2142	YEAR 1973	60TOP 00752	AIR TEMP 03.6	DIR HGT PER	WIND-DIR 19	INST NANSEN CAST	TEN SQ 1307
CONSEC 0013	MONTH 02	SHIP CM	WET BULB 02.4	19 2 2	WIND-SPD 12	TRACE DIR	5 SQUARE 1
LAT 42 47 N	DAY 03	DATA USE 1	BAROMETR 1029.7	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 19 W	MOJR 16.7	AREA 05	CLOUD T/A 4/8	CL/TR	WEATHER X2	ORIG A4 027	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	DAYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	- 0.35	32.40	26.21	00.000	1444.3							
10.7	085	00000	- 0.35	32.597	26.21		1444.5							
	STD	00010	- 0.42	32.61	26.22	00.018	1444.2							
	STD	00020	- 0.49	32.63	26.24	00.036	1444.0							
10.7	085	00025	- 0.55	32.637	26.25		1444.0							
	STD	00030	- 0.80	32.75	26.35	00.053	1442.9							
	STD	00050	- 1.51	33.05	26.61	00.085	1440.4							
10.7	085	00050	- 1.51	33.054	26.61		1440.4							
	STD	00075	- 1.52	33.11	26.66	00.120	1440.8							
10.7	085	00075	- 1.52	33.115	26.66		1440.8							
	STD	00100	- 1.48	33.16	26.70	00.154	1441.5							
10.7	085	00100	- 1.48	33.160	26.70		1441.5							
	STD	00125	- 1.43	33.24	26.76	00.187	1442.2							
	STD	00150	- 1.37	33.30	26.81	00.216	1443.0							
10.7	085	00150	- 1.37	33.301	26.81		1443.0							
	STD	00200	- 1.22	33.40	26.88	00.276	1444.7							
10.7	085	00200	- 1.22	33.398	26.88		1444.7							
	STD	00250	- 1.12	33.47	26.94	00.335	1446.1							
	STD	00300	- 0.52	33.66	27.07	00.388	1450.0							
10.7	085	00300	- 0.52	33.657	27.07		1450.0							
	STD	00400	02.22	34.37	27.47	00.470	1465.0							
10.7	085	00400	02.22	34.375	27.47		1465.0							
	STD	00500	03.51	34.70	27.62	00.527	1472.6							
10.7	085	00500	03.51	34.700	27.62		1472.6							
10.7	085	00555	03.93	34.800	27.66		1476.0							
	STD	00600	03.90	34.60	27.66	00.578	1476.1							
10.7	085	00681	04.08	34.857	27.69		1478.2							

REFID 31 2142	YEAR 1973	60TOP 00051	AIR TEMP 04.0	DIR HGT PER	WIND-DIR 17	INST NANSEN CAST	TEN SQ 1307
CONSEC 0014	MONTH 02	SHIP CM	WET BULB 03.0	16 1 2	WIND-SPD 14	TRACE DIR	5 SQUARE 1
LAT 42 59 N	DAY 03	DATA USE 1	BAROMETR 1028.7	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 18 W	MOJR 18.0	AREA 05	CLOUD T/A 3/8	CL/TR	WEATHER X2	ORIG A4 027	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	DAYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	- 0.24	32.27	25.94	00.000	1444.4							
18.0	085	00000	- 0.24	32.269	25.94		1444.4							
	STD	00010	- 0.23	32.27	25.94	00.021	1444.6							
	STD	00020	- 0.22	32.27	25.94	00.041	1444.8							
18.0	085	00024	- 0.22	32.274	25.94		1444.9							
	STD	00030	- 0.24	32.29	25.96	00.062	1444.9							
18.0	085	00030	- 0.24	32.347	26.03		1445.2							
	STD	00050	- 0.26	32.37	26.02	00.103	1445.3							
	STD	00075	- 0.19	32.85	26.40	00.148	1446.6							
18.0	085	00078	- 0.18	32.934	26.47		1446.9							

REFID 31 2142	YEAR 1973	60TOP 00075	AIR TEMP 04.0	DIR HGT PER	WIND-DIR 18	INST NANSEN CAST	TEN SQ 1307
CONSEC 0015	MONTH 02	SHIP CM	WET BULB 03.0	16 2 2	WIND-SPD 20	TRACE DIR	5 SQUARE 1
LAT 43 08 N	DAY 03	DATA USE 1	BAROMETR 1027.6	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 20 W	MOJR 19.9	AREA 05	CLOUD T/A 3/8	CL/TR	WEATHER X2	ORIG A4 027	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	DAYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	00.85	32.33	25.93	00.000	1449.5							
19.9	085	00000	00.85	32.328	25.93		1449.5							
	STD	00010	00.84	32.33	25.93	00.021	1449.6							
	STD	00020	00.80	32.33	25.94	00.042	1449.6							
19.9	085	00024	00.78	32.336	25.94		1449.5							
	STD	00030	00.72	32.34	25.95	00.062	1449.4							
19.9	085	00048	00.56	32.352	25.97		1449.0							
	STD	00050	00.49	32.38	25.95	00.103	1448.7							
19.9	085	00063	- 0.14	32.637	26.23		1446.4							

TABLE V. Observed oceanographic data occupied by USCGC OWASCO (A3-60)
9-12 March 1973.

NOOC STATION DATA

REFID 31 2105	YEAR 1973	BOATOP 04053	AIR TEMP 06.0	OIR HGT PER	WIND-OIR 31	INST NANSEN CAST	TEN SQ 1306
CONSEC 0001	MONTH 03	SHIP OW	WET BULB 06.0	31 3 X	WIND-SPO 13	TRACE OIR	5 SQUARE 1
LAT 43 38 N	DAY 09	DATA USE 1	BAROMETER 1023.4	SEA	WIND-FOR	DURATION	2 SQUARE 22
LONG 043 44 W	MOOR 11.2	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER A2	ORIG A3 060	1 SQUARE 33

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	QXYG	P34	TOT P	NO2	NO3	S103	PH
	STW	00000	14.50	35.81	26.72	00.000	1506.8							
11.2	085	00000	14.50	35.809	26.72		1506.8							
	STW	00010	14.51	35.80	26.71	00.015	1507.0							
	STW	00020	14.53	35.75	26.70	00.027	1507.2							
11.2	065	00025	14.53	35.792	26.70		1507.2							
	STW	00030	14.54	35.79	26.70	00.040	1507.4							
11.2	085	00045	14.56	35.795	26.70		1507.7							
	STW	00050	14.56	35.80	26.70	00.068	1507.8							
11.2	085	00067	14.56	35.803	26.70		1508.1							
	STW	00075	14.72	35.86	26.71	00.102	1508.8							
11.2	085	00087	14.86	35.912	26.72		1509.5							
	STW	00100	14.74	35.50	26.74	00.136	1509.3							
	STW	00125	14.50	35.47	26.77	00.169	1508.9							
11.2	085	00131	14.43	35.855	26.78		1508.8							
	STW	00150	14.11	35.81	26.79	00.202	1508.3							
11.2	085	T00174	13.90	35.756	26.81		1507.6							
	STW	00200	13.39	35.71	26.88	00.266	1506.3							
	STW	00250	12.56	35.62	26.98	00.326	1504.3							
11.2	085	00261	12.41	35.558	26.99		1503.9							
	STW	00300	12.00	35.52	27.01	00.383	1503.1							
11.2	085	T00350	11.56	35.456	27.05		1502.3							
	STW	00400	11.26	35.45	27.10	00.493	1502.0							
11.2	085	00451	10.92	35.429	27.14		1501.6							
	STW	00500	10.55	35.37	27.17	00.546	1501.0							
11.2	085	00536	10.12	35.314	27.20		1500.3							
	STW	00600	09.75	35.27	27.22	00.698	1499.7							
	STW	00700	08.90	35.18	27.29	00.794	1498.1							
11.2	085	T00768	08.30	35.120	27.34		1496.9							

REFID 31 2105	YEAR 1973	BOATOP 04005	AIR TEMP 12.0	OIR HGT PER	WIND-OIR 31	INST NANSEN CAST	TEN SQ 1306
CONSEC 0002	MONTH 03	SHIP OW	WET BULB 11.0	29 3 X	WIND-SPO 20	TRACE OIR	5 SQUARE 1
LAT 43 43 N	DAY 09	DATA USE 1	BAROMETER 1021.0	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 044 28 W	MOOR 21.7	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER A2	ORIG A3 060	1 SQUARE 34

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	QXYG	P34	TOT P	NO2	NO3	S103	PH
	STW	00000	14.70	35.99	26.82	00.000	1507.7							
21.7	085	00000	14.70	35.953	26.82		1507.7							
	STW	00010	14.71	35.95	26.82	00.012	1507.8							
	STW	00020	14.71	35.99	26.82	00.025	1508.0							
21.7	085	00023	14.71	35.992	26.82		1508.0							
	STW	00030	14.71	35.95	26.82	00.037	1508.2							
21.7	085	00045	14.70	35.991	26.82		1508.4							
	STW	00050	14.65	35.95	26.82	00.062	1508.5							
21.7	085	00059	14.67	35.988	26.82		1508.5							
	STW	00075	14.50	35.97	26.84	00.093	1508.2							
	STW	00100	14.33	35.95	26.87	00.124	1508.1							
21.7	085	00113	14.25	35.944	26.87		1508.1							
	STW	00125	14.31	35.95	26.87	00.155	1508.4							
	STW	00150	14.54	35.95	26.86	00.186	1508.9							
21.7	085	T00152	14.34	35.948	26.86		1508.9							
	STW	00200	14.31	35.95	26.87	00.248	1509.6							
21.7	085	00226	14.26	35.945	26.87		1510.0							
	STW	00250	14.24	35.94	26.88	00.311	1510.2							
	STW	00300	14.15	35.92	26.88	00.374	1510.7							
21.7	085	00303	14.14	35.917	26.88		1510.7							
	STW	00360	13.45	35.781	26.92		1509.6							
21.7	085	00400	13.35	35.76	26.93	00.495	1509.6							
	STW	00456	13.25	35.758	26.95		1510.1							

REFID 31 2105	YEAR 1973	BOATOP 04037	AIR TEMP 13.0	OIR HGT PER	WIND-OIR 26	INST NANSEN CAST	TEN SQ 1306
CONSEC 0003	MONTH 03	SHIP OW	WET BULB 12.0	30 3 X	WIND-SPO 20	TRACE OIR	5 SQUARE 2
LAT 43 52 N	DAY 10	DATA USE 1	BAROMETER 1018.3	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 045 07 W	MOOR 05.9	AREA 05	CLOUD T/A 7/5	CL/TR	WEATHER X1	ORIG A3 060	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	QXYG	P34	TOT P	NO2	NO3	S103	PH
	STW	00000	14.56	36.03	26.79	00.000	1506.5							
05.9	085	00000	14.94	36.029	26.74		1508.5							
	STW	00010	15.02	36.03	26.78	00.015	1508.9							
05.9	085	00010	15.02	36.026	26.78		1508.9							
05.9	065	00017	15.02	36.025	26.77		1509.0							
	STW	00020	15.02	36.03	26.77	00.024	1509.1							
05.9	085	00028	15.03	36.026	26.77		1509.2							
	STW	00030	15.03	36.03	26.77	00.038	1509.2							
05.9	085	00036	15.03	36.029	26.78		1509.3							
	STW	00050	15.04	36.03	26.77	00.064	1509.6							
05.9	085	00054	15.04	36.027	26.77		1509.7							
05.9	085	T00072	15.01	36.025	26.78		1509.9							

TABLE V. Observed oceanographic data occupied by USCGC OWASCO (A3-60)
9-12 March 1973.—Continued

MOOL STATION DATA

REFID 31 2185	YEAR 1973	63TOP 0-051	AIR TEMP 04.0	DIR MGT PER	WIND-DIR 33	INST NANSEN EAST	TEN SQ 1306
CONSEC 0004	MONTH 03	SHIP 04	WET BULB 03.0	32 5 4	WIND-SPD 30	TRACE DIR	5 SQUARE 2
LAT 43 51 N	DAY 10	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 045 50 W	MOU 12.2	AREA 05	CLOUD 1/4 8/8	CL/TR	WEATHER X2	ORIG 43 060	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	ORYG	PC4	TOT P	NO2	NO3	SIO3	PH
12.2	STD	00000	12.68	35.33	26.73	00.000	1500.2							
	DBS	00000	12.68	35.327	26.73		1500.2							
	STD	00010	12.67	35.33	26.73	00.013	1503.4							
	STD	00020	12.67	35.34	26.74	00.026	1500.5							
	STD	00030	12.68	35.35	26.75	00.040	1503.7							
12.2	DBS	00034	12.68	35.345	26.75		1500.7							
	STD	00050	11.42	35.02	26.73	00.066	1496.3							
	STD	00075	09.92	34.47	26.73	00.100	1450.9							
12.2	DBS	00098	09.01	34.524	26.76		1487.7							
	STD	00100	08.96	34.53	26.77	00.135	1487.0							
	STD	00125	08.52	34.57	26.88	00.164	1486.4							
12.2	DBS	00127	08.50	34.577	26.89		1486.4							
	STD	00150	08.50	34.58	26.89	00.194	1486.7							
12.2	DBS	00153	08.49	34.577	26.85		1487.4							
	STD	00200	08.31	34.62	26.91	00.234	1487.0							
	STD	00250	08.62	34.75	27.03	00.310	1485.1							
	STD	00300	08.73	34.53	27.12	00.353	1490.5							
12.2	DBS	00377	08.85	35.066	27.21		1452.6							
	STD	00400	08.79	35.08	27.23	00.459	1492.6							
	STD	00500	07.94	35.13	27.40	00.544	1491.1							
12.2	DBS	00501	07.93	35.126	27.40		1491.1							

REFID 31 2185	YEAR 1973	63TOP 0-158	AIR TEMP -03.0	DIR MGT PER	WIND-DIR 33	INST NANSEN EAST	TEN SQ 1306
CONSEC 0005	MONTH 03	SHIP 04	WET BULB -04.0	33 2 X	WIND-SPD 20	TRACE DIR	5 SQUARE 2
LAT 44 06 N	DAY 10	DATA USE 1	BAROMETR 1021.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 30 W	MOU 16.0	AREA 05	CLOUD 1/4 6/6	CL/TR	WEATHER X1	ORIG 43 060	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	ORYG	PC4	TOT P	NO2	NO3	SIO3	PH
16.0	STD	00000	06.63	34.26	26.90	00.000	1476.6							
	DBS	00000	06.63	34.256	26.90		1476.6							
	STD	00010	06.72	34.26	26.85	00.012	1477.1							
	STD	00020	06.65	34.28	26.85	00.025	1477.8							
16.0	DBS	00020	06.65	34.275	26.89		1477.8							
	STD	00030	06.93	34.31	26.90	00.035	1478.4							
16.0	DBS	00039	07.23	34.366	26.91		1476.8							
	STD	00050	08.11	34.53	26.91	00.058	1463.5							
16.0	DBS	00059	08.65	34.628	26.90		1485.9							
	STD	00075	09.22	34.74	26.90	00.088	1468.4							
16.0	DBS	00075	09.22	34.743	26.90		1468.4							
	STD	00100	05.41	34.82	26.93	00.117	1489.6							
16.0	DBS	00113	09.42	34.842	26.95		1465.9							
	STD	00125	09.12	34.83	26.95	00.145	1485.0							
	STD	00150	08.33	34.81	27.06	00.172	1487.1							
	STD	00200	07.54	34.77	27.18	00.221	1484.1							
16.0	DBS	00227	07.11	34.753	27.23		1482.5							
	STD	00250	06.81	34.75	27.27	00.266	1482.1							
	STD	00300	06.31	34.73	27.32	00.307	1480.9							
16.0	DBS	00303	06.25	34.731	27.32		1480.9							
16.0	DBS	00377	05.94	34.848	27.46		1480.8							
	STD	00400	05.77	34.85	27.48	00.381	1480.5							
16.0	DBS	00444	05.51	34.848	27.52		1480.2							
	STD	00500	05.37	34.91	27.58	00.443	1480.6							
16.0	DBS	00559	05.19	34.946	27.63		1480.9							
	STD	00600	05.02	34.95	27.66	00.498	1480.5							
16.0	DBS	00673	04.74	34.960	27.69		1481.0							
	STD	00700	04.65	34.96	27.70	00.548	1481.1							
	STD	00800	04.25	34.94	27.72	00.595	1481.5							
	STD	00900	04.11	34.92	27.75	00.642	1482.1							
16.0	DBS	00971	03.96	34.903	27.73		1482.7							

TABLE V. Observed oceanographic data occupied by USCGC OWASCO (A3-60)
9-12 March 1973.—Continued

NOCC STATION DATA

REFID 31 2165	YEAR 1973	BDTOP 03791	AIR TEMP -03.0	DIR MGT PER	WIND-DIR 32	INST NANSSEN CAST	TEN 50 1308
CONSEC 0000	MONTH 03	SHIP OW	WET BULB -04.0	33 3 A	WIND-SPD 17	TRACE DIR	5 SQUARE 2
LAT 44 19 N	DAY 11	DATA USE 1	BAROMETR 1023.4	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 32 W	MOUR 10.2	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A3 060	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNCPH	SND VEL	OAYG	PO4	TOT P	NO2	NO3	S103	PH
	STD	00000	11.81	35.24	26.83	00.000	1497.1							
10.2	STD	00000	11.81	35.239	26.83		1497.1							
	STD	00010	11.84	35.24	26.82	00.012	1497.4							
	STD	00020	11.87	35.24	26.82	00.025	1497.6							
	STD	00030	11.88	35.24	26.81	00.037	1497.8							
10.2	STD	00030	11.88	35.237	26.81		1497.8							
	STD	00050	11.88	35.24	26.81	00.062	1498.2							
10.2	STD	00055	11.88	35.238	26.82		1498.3							
	STD	00075	11.83	35.24	26.83	00.094	1498.4							
10.2	STD	00084	11.83	35.240	26.83		1498.6							
	STD	00100	11.86	35.23	26.82	00.125	1498.9							
10.2	STD	00108	11.88	35.232	26.81		1499.1							
	STD	00125	11.01	35.09	26.86	00.156	1496.2							
	STD	00150	10.02	34.94	26.92	00.186	1492.8							
10.2	STD	00163	09.64	34.885	26.94		1491.6							
	STD	00200	09.39	34.90	27.00	00.244	1491.3							
10.2	STD	00224	09.10	34.914	27.05		1490.6							
	STD	00250	08.22	34.77	27.08	00.257	1487.6							
	STD	00300	07.11	34.62	27.12	00.348	1483.5							
10.2	STD	00325	06.84	34.559	27.15		1483.2							
	STD	00400	07.55	34.51	27.29	00.441	1487.7							
10.2	STD	00432	07.86	34.574	27.29		1489.5							
	STD	00500	06.11	34.86	27.45	00.520	1483.6							
10.2	STD	00543	05.42	34.640	27.52		1481.5							
	STD	00600	05.26	34.50	27.58	00.564	1481.8							
10.2	STD	00651	05.12	34.556	27.63		1482.2							
	STD	00700	04.56	34.54	27.66	00.640	1482.3							
	STD	00800	04.65	34.96	27.70	00.691	1482.7							
10.2	STD	00849	04.52	34.963	27.72		1483.0							
10.2	STD	00884	05.74	34.936	27.78		1493.7							

REFID 31 2185	YEAR 1973	BDTOP 03482	AIR TEMP -02.0	DIR MGT PER	WIND-DIR 29	INST NANSSEN CAST	TEN 50 1306
CONSEC 0007	MONTH 03	SHIP OW	WET BULB -02.0	30 2 A	WIND-SPD 18	TRACE DIR	5 SQUARE 2
LAT 44 23 N	DAY 11	DATA USE 1	BAROMETR 1022.4	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 54 W	MOUR 13.5	AREA 05	CLOUD T/A 8/4	CL/TR	WEATHER X1	ORIG A3 060	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNCPH	SND VEL	OAYG	PO4	TOT P	NO2	NO3	S103	PH
	STD	00000	11.07	35.12	26.87	00.000	1494.4							
13.5	STD	00000	11.07	35.115	26.87		1494.4							
	STD	00010	11.08	35.11	26.87	00.012	1494.6							
	STD	00020	11.09	35.11	26.86	00.024	1494.8							
13.5	STD	00020	11.09	35.110	26.86		1494.8							
	STD	00030	11.10	35.12	26.87	00.036	1495.0							
13.5	STD	00040	11.11	35.116	26.86		1495.2							
	STD	00050	11.11	35.11	26.86	00.060	1495.3							
13.5	STD	00064	11.12	35.100	26.85		1495.4							
	STD	00075	11.01	35.10	26.87	00.090	1495.4							
13.5	STD	00080	10.87	35.077	26.88		1494.9							
	STD	00100	09.59	34.74	26.92	00.120	1488.3							
13.5	STD	00121	07.58	34.458	26.93		1482.6							
	STD	00125	07.50	34.46	26.94	00.145	1482.3							
	STD	00150	07.04	34.47	27.02	00.177	1481.0							
	STD	00200	06.42	34.50	27.12	00.228	1479.4							
13.5	STD	00245	06.21	34.523	27.17		1479.3							
	STD	00250	06.24	34.53	27.17	00.276	1479.5							
	STD	00300	06.55	34.63	27.25	00.321	1481.6							
13.5	STD	00333	06.75	34.805	27.32		1483.3							

TABLE V. Observed oceanographic data occupied by USCGC OWASCO (A3-60)
9-12 March 1973.—Continued

NO DC STATION DATA

REFID 31 2105 YEAR 1973 BOTOP 33430 AIR TEMP -01.0 DIR MGT PER WIND-DIR 25 INST NANSEN CAST TEN SQ 1306
CONSEC 0000 MONTH 03 SHIP 04 MET BULB -02.0 31 2 X WIND-SPD 21 TRACE DIR 5 SQUARE 2
LAT 44 23 N DAY 11 DATA USE 1 BARMETER 1020.9 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 048 07 W HOUR 16.2 AREA 05 CLOUD T/A 8/3 CL/TR WEATHER X1 ORIG A3 060 1 SQUARE 48

CASSTNUN/IME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
16.2	STD	00000	07.03											
	083	00000	07.03											
	STD	00010	07.13											
	STD	00020	07.19											
16.2	083	00023	07.20											
	STD	00030	07.19											
16.2	085	00043	07.18											
	STD	00050	07.23											
16.2	081	00064	07.30											
	STD	00075	07.31											
16.2	085	00084	07.32											
	STD	00100	06.34											
	STD	00123	05.26											
16.2	085	00127	05.16											
	STD	00150	03.86											
16.2	081	T00159	01.10											
	STD	00200	01.32											
16.2	085	00212	03.87											
	STD	00250	05.16											
16.2	085	T00264	05.74											
	STD	00300	05.27											
16.2	085	00362	04.38											
	STD	00400	05.00											
16.2	085	00446	05.48											
	STD	00500	05.26											
16.2	085	00595	04.95											
	STD	00600	04.54											
	STD	00700	04.72											
16.2	083	T00747	04.66											

REFID 31 2105 YEAR 1973 BOTOP 03234 AIR TEMP -01.0 DIR MGT PER WIND-DIR 28 INST NANSEN CAST TEN SQ 1306
CONSEC 0000 MONTH 03 SHIP 04 MET BULB -01.0 30 2 X WIND-SPD 18 TRACE DIR 5 SQUARE 2
LAT 44 28 N DAY 11 DATA USE 1 BARMETER 1018.6 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 048 30 W HOUR 21.0 AREA 05 CLOUD T/A 8/3 CL/TR WEATHER X1 ORIG A3 060 1 SQUARE 48

CASSTNUN/IME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	-1.16	33.08	26.82	00.000	1441.2							
21.0	083	00000	-1.16	33.076	26.62		1441.2							
	STD	00010	-1.15	33.07	26.61	00.014	1441.2							
	STD	00020	-1.14	33.06	26.61	00.029	1441.7							
21.0	083	00023	-1.13	33.056	26.60		1441.8							
	STD	00030	-1.40	33.09	26.64	00.043	1440.8							
21.0	085	00046	-1.92	33.162	26.73		1440.5							
	STD	00050	-1.12	33.31	26.81	00.065	1442.6							
21.0	085	00071	00.62	35.815	27.14		1451.6							
	STD	00075	00.88	33.85	27.18	00.096	1453.0							
21.0	083	00092	01.72	34.112	27.30		1457.3							

REFID 31 2105 YEAR 1973 BOTOP 06246 AIR TEMP -01.0 DIR MGT PER WIND-DIR 26 INST NANSEN CAST TEN SQ 1306
CONSEC 0010 MONTH 03 SHIP 04 MET BULB -02.0 24 2 X WIND-SPD 15 TRACE DIR 5 SQUARE 2
LAT 44 23 N DAY 12 DATA USE 1 BARMETER 1013.2 SEA WIND-FOR DURATION 2 SQUARE 48
LONG 048 30 W HOUR 11.8 AREA 05 CLOUD T/A 8/3 CL/TR WEATHER X1 ORIG A3 060 1 SQUARE 48

CASSTNUN/IME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	-1.35	33.10	26.65	00.000	1440.2							
11.8	085	00000	-1.35	33.101	26.65		1440.2							
	STD	00010	-1.44	33.10	26.65	00.014	1440.1							
	STD	00020	-1.49	33.10	26.65	00.028	1440.1							
	STD	00030	-1.52	33.10	26.65	00.042	1440.1							
11.8	085	00031	-1.52	33.105	26.65		1440.1							
	STD	00050	-1.53	33.12	26.66	00.070	1440.4							
11.8	085	00056	-1.54	33.120	26.67		1440.3							
	STD	00075	-1.30	33.21	26.74	00.103	1441.1							
11.8	085	00089	-1.47	33.294	26.81		1441.5							
	STD	00100	-1.45	33.36	26.86	00.135	1441.9							
11.8	085	00116	-1.45	33.471	26.95		1442.4							
	STD	00123	-0.88	33.56	27.01	00.163	1445.3							
	STD	00150	00.39	33.79	27.13	00.188	1451.5							
11.8	085	00173	01.20	35.966	27.22		1456.1							
	STD	00200	01.46	34.11	27.32	00.230	1458.0							
11.8	085	T00231	01.73	34.232	27.42		1459.9							
	STD	00250	01.75	34.28	27.44	00.266	1460.3							
	STD	00300	01.58	34.37	27.49	00.298	1462.3							
11.8	083	00347	02.43	34.484	27.55		1465.2							
	STD	00400	03.64	34.68	27.59	00.335	1471.5							
11.8	085	T00463	04.51	34.844	27.63		1476.4							
	STD	00500	04.50	34.87	27.65	00.408	1477.0							
11.8	085	00585	04.49	34.912	27.68		1478.4							
	STD	00600	04.47	34.51	27.65	00.437	1478.6							
11.8	085	00695	04.37	34.925	27.71		1479.8							
	STD	00700	04.37	34.92	27.71	00.504	1479.9							
	STD	00800	04.25	34.93	27.72	00.551	1481.0							
	STD	00900	04.13	34.93	27.74	00.597	1482.2							
11.8	085	T00930	04.05	34.926	27.74		1482.5							

TABLE V. Observed oceanographic data occupied by USCGC OWASCO (A3-60)
9-12 March 1973.—Continued

MODE STATION DATA

REFID 31 2185	YEAR 1973	BOTOP 01294	AIR TEMP -01.0	OIR MGT PER	WIND-DIR 26	INST NANSEN CAST	TEN SW 1300
CONSEC 0311	MONTH 03	SHIP 04	MET BULB -02.0	29 2 X	0140-SPO 16	TRACE DIR	5 SQUARE 2
LAT 44 52 N	DAY 12	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 02 W	MOOR 14.1	AREA 05	CLOUD 7/4 6/2	CL/TR	WEATHER X1	ORIG A3 060	1 SQUARE 49

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.65	33.19	26.73	00.000	1439.1							
14.1	OBS	00030	- 1.65	33.194	26.73		1439.1							
	STD	00010	- 1.65	33.21	26.75	00.013	1439.3							
	STD	00020	- 1.65	33.23	26.76	00.026	1439.5							
	STD	00030	- 1.65	33.23	26.76	00.029	1439.6							
14.1	OBS	00030	- 1.65	33.234	26.76		1439.7							
	STD	00050	- 1.73	33.22	26.76	00.065	1439.6							
14.1	OBS	00068	- 1.74	33.208	26.74		1439.8							
	STD	00075	- 1.66	33.24	26.77	00.097	1440.3							
	STD	00100	- 1.43	33.36	26.86	00.128	1442.0							
14.1	OBS	00104	- 1.40	33.385	26.88		1442.3							
	STD	00125	- 1.29	33.52	26.99	00.156	1443.3							
14.1	OBS	00141	- 1.18	33.605	27.05		1444.2							
	STD	00150	- 1.10	33.64	27.07	00.182	1444.8							
	STD	00200	- 0.55	33.81	27.20	00.229	1448.4							
14.1	OBS	00205	- 0.51	33.825	27.20		1448.7							
	STD	00250	00.17	34.04	27.34	00.269	1452.9							
14.1	OBS	00271	00.46	34.099	27.38		1454.6							
	STD	00300	00.85	34.14	27.39	00.305	1456.9							
14.1	OBS	00306	00.93	34.145	27.38		1457.4							

REFID 31 2185	YEAR 1973	BOTOP 00058	AIR TEMP 00.0	OIR MGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SW 1306
CONSEC 0312	MONTH 03	SHIP 04	MET BULB -01.0	29 2 X	WIND-SPO 14	TRACE DIR	5 SQUARE 2
LAT 44 40 N	DAY 12	DATA USE 1	BAROMETR 1014.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 20 W	MOOR 16.0	AREA 05	CLOUD 7/4 7/4	CL/TR	WEATHER X1	ORIG A3 060	1 SQUARE 49

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.34	32.50	26.48	00.000	1440.1							
16.0	OBS	00000	- 1.34	32.500	26.48		1440.1							
	STD	00010	- 1.40	32.54	26.51	00.015	1440.1							
	STD	00020	- 1.44	32.56	26.54	00.031	1440.1							
16.0	OBS	00027	- 1.45	32.581	26.55		1440.2							
	STD	00030	- 1.45	32.59	26.56	00.046	1440.2							
16.0	OBS	00044	- 1.44	33.006	26.57		1440.5							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-18 June 1973.

MODC STATION DATA

REFID 31 2220 YEAR 1973 BOTDP 05003 AIR TEMP 20.6 DIR HGT PER WIND-DIR 26 INST NANSEN CAST TEN SO 1207
CONSEC 0001 MONTH 06 SHIP 00 MET BULB 19.4 2T 3 2 WIND-SPO 23 TRACE DIR 5 SQUARE 3
LAT 37 20 N DAY 12 DATA USE 1 BAROMETER 1014.2 SEA 5A WIND-FOR DURATION 2 SQUARE 60
LONG 050 20 W HOUR 23.3 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER A8 ORIG A4 02A 1 SQUARE 70

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	20.55	36.34	25.65	00.000	1525.2							
23.3	085	00000	20.55	36.341	25.65		1525.2							
	STO	00010	20.02	36.36	25.81	00.023	1524.0							
	STO	00020	19.55	36.37	25.94	00.044	1522.8							
	STO	00030	19.13	36.38	26.06	00.064	1521.8							
23.3	085	00032	19.05	36.384	26.08		1521.7							
	STO	00050	18.42	36.39	26.25	00.102	1520.2							
23.3	085	00060	18.17	36.350	26.31		1519.6							
	STO	00075	17.99	36.39	26.36	00.146	1519.4							
23.3	065	00092	17.85	36.353	26.39		1516.2							
	STO	00100	17.82	36.40	26.40	00.188	1519.3							
23.3	085	00120	17.76	36.409	26.43		1519.5							
	STO	00125	17.76	36.41	26.43	00.229	1519.5							
	STO	00150	17.73	36.40	26.43	00.271	1519.9							
23.3	085	00175	17.68	36.385	26.43		1520.2							
	STO	00200	17.61	36.39	26.45	00.354	1520.3							
23.3	085	00237	17.49	36.379	26.47		1520.5							
	STO	00250	17.49	36.37	26.47	00.437	1520.7							
	STO	00300	17.40	36.36	26.48	00.520	1521.3							
23.3	085	00360	17.16	36.341	26.52		1521.6							
	STO	00400	16.91	36.30	26.55	00.685	1521.4							
23.3	085	00474	16.24	36.183	26.62		1520.3							
	STO	00500	16.00	36.14	26.64	00.844	1520.1							
23.3	085	00553	14.82	35.945	26.76		1517.8							
	STO	00600	14.75	35.93	26.76	00.956	1517.6							
	STO	00700	13.20	35.71	26.92	01.137	1513.9							
23.3	085	00707	13.08	35.692	26.93		1513.6							
	STO	00800	11.09	35.45	27.13	01.260	1508.0							
	STO	00900	09.20	35.25	27.30	01.365	1502.6							
23.3	085	00931	08.66	35.195	27.34		1501.0							
	STO	01000	07.52	35.12	27.46	01.454	1497.7							
	STO	01100	06.12	35.03	27.58	01.528	1493.8							
23.3	085	001158	05.45	34.985	27.63		1492.0							
23.3	085	001738	04.26	34.995	27.78		1496.9							

REFID 31 2220 YEAR 1973 BOTDP 05003 AIR TEMP 21.1 DIR HGT PER WIND-DIR 28 INST NANSEN CAST TEN SO 1207
CONSEC 0002 MONTH 06 SHIP 00 MET BULB 20.6 2T 3 2 WIND-SPO 16 TRACE DIR 5 SQUARE 3
LAT 37 50 N DAY 13 DATA USE 1 BAROMETER 1013.6 SEA 5A WIND-FOR DURATION 2 SQUARE 60
LONG 050 20 W HOUR 23.3 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER A8 ORIG A4 02B 1 SQUARE 70

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	20.51	36.41	25.77	00.000	1524.6							
03.0	085	00000	20.31	36.413	25.77		1524.6							
	STO	00010	20.31	36.41	25.77	00.022	1524.6							
	STO	00020	20.30	36.40	25.77	00.045	1524.9							
03.0	085	00024	20.30											
	STO	00030	19.62	36.40	25.90	00.067	1523.8							
03.0	085	00047	18.75	36.400	26.17		1521.1							
	STO	00050	18.62	36.40	26.21	00.106	1520.8							
03.0	085	00071	17.97	36.406	26.37		1516.3							
	STO	00075	17.94	36.40	26.38	00.150	1516.2							
03.0	085	00095	17.82	36.396	26.40		1516.2							
	STO	00100	17.81	36.40	26.41	00.192	1516.2							
	STO	00125	17.75	36.39	26.42	00.234	1516.5							
03.0	085	00142	17.71	36.394	26.43		1516.7							
	STO	00150	17.69	36.39	26.43	00.273	1519.7							
03.0	085	00155	17.59	36.365	26.44		1520.1							
	STO	00200	17.50	36.36	26.44	00.338	1520.2							
	STO	00250	17.45	36.35	26.47	00.442	1520.6							
03.0	085	00250	17.29	36.335	26.49		1520.8							
	STO	00300	17.28	36.33	26.49	00.524	1520.9							
03.0	085	00345	16.88	36.291	26.55		1520.1							
	STO	00400	16.69	36.26	26.57	00.688	1520.7							
03.0	085	00485	15.75	36.095	26.66		1515.0							
	STO	00500	15.66	36.08	26.67	00.844	1519.0							
03.0	085	00581	14.94	35.977	26.75		1518.0							
	STO	00600	14.68	35.94	26.78	00.954	1517.4							
	STO	00700	13.18	35.73	26.94	01.132	1513.9							
03.0	085	00722	12.84	35.680	26.97		1513.0							
	STO	00800	11.46	35.50	27.09	01.257	1509.4							
	STO	00900	09.86	35.30	27.23	01.366	1505.2							
03.0	085	00968	08.95	35.197	27.30		1502.7							
03.0	085	001459	05.17	35.076	27.74		1496.0							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

NOCC STATION DATA

REFID 31 2220	YEAR 1973	BOTOP 05.70	AIR TEMP 21.1	OIR HGT PER	WIND-OIR 20	INST HANSEN CAST	TEN SO 1207
CDNSEC 0003	MONTH 06	SHIP 00	WET BULB 21.1	31 2 2	WIND-SPD 15	TRACE OIR	5 SQUARE 5
LAT 36 20 N	DAY 13	DATA USE 1	BAROMETR 1012.8	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 150 20 W	MOOR 00.0	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER A8	ORIG A4 020	1 SQUARE 80

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	DAYG	P34	TOT P	MO2	MO3	SIO3	PH
	STD	00000	20.26	36.43	25.80	00.000	1524.5							
00.0	085	00000	20.26	36.427	25.80		1524.5							
	STD	00010	20.26	36.43	25.80	00.022	1524.7							
	STD	00020	20.26	36.43	25.80	00.044	1524.6							
00.0	085	00024	20.26	36.425	25.80		1524.9							
	STD	00030	19.85	36.43	25.91	00.066	1523.5							
00.0	085	00048	18.83	36.436	26.18		1521.4							
	STD	00050	18.73	36.43	26.20	00.105	1521.1							
00.0	085	00071	18.31	36.385	26.35		1519.3							
	STD	00075	18.01	36.39	26.35	00.150	1519.4							
00.0	085	00095	17.55	36.408	26.37		1519.7							
	STD	00100	17.97	36.40	26.37	00.192	1519.7							
	STD	00125	17.86	36.36	26.38	00.235	1519.8							
00.0	085	00142	17.81	36.373	26.39		1515.5							
	STD	00150	17.80	36.37	26.39	00.277	1520.0							
00.0	085	T00194	17.73	36.379	26.41		1520.5							
	STD	00200	17.73	36.38	26.41	00.362	1520.6							
	STD	00250	17.61	36.37	26.43	00.447	1521.1							
00.0	085	00249	17.39	36.364	26.48		1521.1							
	STD	00300	17.25	36.36	26.51	00.530	1520.9							
00.0	085	00385	16.36	36.279	26.66		1519.5							
	STD	00400	16.28	36.25	26.66	00.687	1519.5							
00.0	085	T00484	15.73	36.091	26.67		1519.0							
	STD	00500	15.61	36.07	26.68	00.835	1518.8							
00.0	085	T00576	14.88	35.975	26.77		1517.7							
	STD	00600	14.64	35.94	26.79	00.988	1517.3							
	STD	00700	13.36	35.76	26.92	01.127	1514.5							
00.0	085	00766	12.34	35.604	27.01		1512.0							

REFID 31 2220	YEAR 1973	BOTOP 05.03	AIR TEMP 23.0	OIR HGT PER	WIND-OIR 33	INST HANSEN CAST	TEN SO 1207
CDNSEC 0004	MONTH 06	SHIP 00	WET BULB 18.5	30 0 2	WIND-SPD 12	TRACE OIR	5 SQUARE 5
LAT 38 49 N	DAY 13	DATA USE 1	BAROMETR 1012.8	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 150 20 W	MOOR 10.5	AREA 05	CLOUD T/A 0/5	CL/TR	WEATHER A1	ORIG A4 020	1 SQUARE 80

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	DAYG	P34	TOT P	MO2	MO3	SIO3	PH
	STD	00003	20.32	36.39	25.76	00.000	1524.6							
10.5	085	00000	20.32	36.355	25.76		1524.6							
	STD	00010	20.20	36.40	25.79	00.022	1524.5							
	STD	00020	20.38	36.40	25.82	00.044	1524.3							
10.5	085	00023	20.04	36.397	25.83		1524.3							
	STD	00030	19.48	36.41	25.99	00.066	1522.9							
10.5	085	00045	18.60	36.424	26.23		1520.7							
	STD	00050	18.45	36.42	26.26	00.104	1520.3							
10.5	085	00067	18.07	36.393	26.34		1515.5							
	STD	00075	17.97	36.36	26.36	00.147	1519.3							
10.5	085	00093	17.83	36.375	26.38		1515.1							
	STD	00100	17.83	36.38	26.39	00.190	1519.3							
	STD	00125	17.85	36.38	26.39	00.232	1519.7							
10.5	085	00134	17.65	36.385	26.35		1519.9							
	STD	00150	17.81	36.38	26.39	00.274	1520.1							
10.5	085	T00182	17.74	36.369	26.40		1520.4							
	STD	00200	17.64	36.37	26.42	00.355	1520.4							
	STD	00250	17.38	36.36	26.48	00.442	1520.4							
10.5	085	00273	17.28	36.349	26.50		1520.4							
	STD	00300	17.21	36.34	26.51	00.524	1520.7							
10.5	085	00356	16.85	36.294	26.56		1520.5							
	STD	00400	16.28	36.20	26.62	00.683	1519.4							
10.5	085	T00446	15.66	36.096	26.69		1518.1							
	STD	00500	14.94	35.67	26.75	00.833	1516.6							
10.5	085	T00530	14.50	35.902	26.79		1515.6							
	STD	00600	13.27	35.70	26.90	00.972	1512.5							
10.5	085	00646	11.50	35.462	27.06		1507.8							
	STD	00700	11.41	35.45	27.07	01.097	1507.5							
	STD	00800	09.32	35.24	27.27	01.204	1501.4							
10.5	085	T00865	08.19	35.134	27.37		1498.1							
10.5	085	T01252	05.24	35.114	27.76		1493.5							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

MOOC STATION DATA

REFID 31 2220	YEAR 1973	BJTOP 05303	AIR TEMP 23.6	DIR MGT PER	WIND-DIR 29	INST NANSEN CAST	TEN SQ 1207
CONSEC 0005	MONTH 06	SHIP DU	WET BULB 17.8	00 A A	WIND-SPO 06	TRACE DIR	5 SQUARE 3
LAT 35 20 N	DAY 13	DATA USE 1	BAROMETER 1014.2	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	MOJA 14.1	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER A1	ORIG A4 028	1 SQUARE 90

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	23.04	36.35	25.80	00.003	1523.8							
14.1	085	00000	23.04	36.355	25.80		1523.8							
	STO	00010	20.01	36.36	25.81	00.022	1523.9							
	STO	00020	19.93	36.36	25.84	00.044	1523.8							
14.1	085	00027	19.78	36.362	25.88		1523.6							
	STO	00050	19.67	36.37	25.91	00.065	1523.3							
	STO	00053	19.13	36.41	26.06	00.106	1522.2							
14.1	085	00053	19.13	36.410	26.08		1522.2							
	STO	00075	18.86	36.44	26.17	00.154	1521.9							
14.1	085	00076	18.85	36.440	26.18		1521.9							
14.1	085	00098	18.53	36.439	26.26		1521.3							
	STO	00100	18.51	36.44	26.26	00.200	1521.3							
	STO	00125	18.25	36.42	26.32	00.244	1521.3							
14.1	085	00144	18.05	36.417	26.36		1520.7							
	STO	00150	17.59	36.42	26.38	00.288	1520.6							
14.1	085	T00189	17.60	36.423	26.48		1520.1							
	STO	00203	17.52	36.42	26.49	00.371	1520.1							
	STO	00250	16.94	36.33	26.57	00.450	1519.1							
14.1	085	00274	16.64	36.284	26.61		1518.2							
	STO	00300	15.89	36.13	26.66	00.527	1516.5							
14.1	085	00353	14.65	35.892	26.75		1513.2							
	STO	00400	13.43	35.73	26.85	00.667	1510.4							
14.1	085	T00425	13.11	35.660	26.90		1509.0							
14.1	085	T00452	11.80	35.507	27.04		1505.5							
	STO	00500	11.63	35.49	27.05	00.750	1505.0							
	STO	00603	09.29	35.22	27.26	00.894	1497.9							
14.1	085	T00627	09.11	35.205	27.28		1497.3							
14.1	085	00655	06.60	34.972	27.47		1488.9							
	STO	00703	06.55	34.57	27.48	00.978	1488.5							
	STO	00800	06.29	35.03	27.56	01.046	1489.5							
14.1	085	T00834	06.28	35.033	27.56		1485.5							

REFID 31 2220	YEAR 1973	BJTOP 05303	AIR TEMP 20.0	DIR MGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SQ 1207
CONSEC 0006	MONTH 06	SHIP DU	WET BULB 16.3	33 3 2	WIND-SPO 06	TRACE DIR	5 SQUARE 3
LAT 36 50 W	DAY 13	DATA USE 1	BAROMETER 1013.2	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 10 W	MOJA 18.0	AREA 05	CLOUD T/A 6/3	CL/TR	WEATHER A1	ORIG A4 028	1 SQUARE 90

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	17.80	35.20	25.49	00.000	1516.2							
18.0	085	00003	17.80	35.202	25.49		1516.2							
	STO	00010	17.10	35.21	25.67	00.024	1514.3							
	STO	00020	16.49	35.22	25.82	00.047	1512.6							
18.0	085	00024	16.27	35.220	25.87		1512.0							
	STO	00030	15.93	35.41	26.09	00.067	1511.3							
	085	00047	15.33	35.761	26.51		1510.0							
	STO	00050	15.29	35.78	26.53	00.102	1510.1							
18.0	085	00070	15.20	35.822	26.58		1510.2							
	STO	00075	15.00	35.79	26.60	00.140	1509.6							
18.0	085	00094	14.41	35.715	26.67		1507.9							
	STO	00100	14.40	35.71	26.67	00.176	1506.0							
	STO	00125	14.24	35.71	26.70	00.211	1507.9							
18.0	085	00141	14.02	35.710	26.75		1507.4							
	STO	00150	13.74	35.65	26.76	00.245	1506.6							
18.0	085	T00152	12.71	35.438	26.81		1503.6							
	STO	00200	12.65	35.44	26.82	00.310	1503.5							
	STO	00250	12.25	35.45	26.91	00.375	1503.0							
18.0	085	00286	11.96	35.465	26.98		1502.6							
	STO	00303	11.31	35.35	27.01	00.432	1500.4							
18.0	085	00383	08.75	34.980	27.16		1492.0							
	STO	00400	08.72	35.02	27.20	00.536	1492.3							
18.0	085	T00479	08.37	35.119	27.33		1492.4							
	STO	00500	08.16	35.11	27.36	00.625	1491.9							
18.0	085	T00573	07.44	35.095	27.45		1490.3							
	STO	00603	07.13	35.09	27.49	00.701	1489.6							
	STO	00730	06.16	35.06	27.60	00.765	1487.3							
18.0	085	00762	05.69	35.050	27.65		1486.5							
	STO	00800	05.51	35.05	27.67	00.822	1486.3							
	STO	00900	05.08	35.04	27.72	00.874	1486.3							
18.0	085	T00956	04.88	35.031	27.74		1486.4							
18.0	085	T01442	04.21	35.000	27.79		1491.7							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

M D O C S T A T I O N D A T A

REFID 31 2220	YEAR 1973	BOTOP 05025	AIR TEMP 18.9	DIA HGT PER	WIND-OIR 28	INST NANSEN CAST	TEN SQ 1307
CONSEC 0007	MONTH 06	SHIP DU	WET BULB 17.8	33 3 2	WIND-SPO 36	TRACE OIR	5 SQUARE 1
LAT 43 20 N	DAY 13	DATA USE 1	BAROMETER 1012.1	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 20 W	MOOR 21.2	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X2	ORIG A4 028	1 SQUARE 00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	17.67	35.26	25.57	00.000	1515.8							
21.2	OBS	00000	17.67	35.258	25.57		1515.8							
	STO	00010	14.29	35.34	25.96	00.022	1512.0							
	STO	00020	15.31	35.47	26.28	00.041	1509.3							
21.2	OBS	00025	14.58	35.521	26.40		1508.4							
	STO	00030	14.56	35.55	26.46	00.058	1508.5							
	STO	00050	14.86	35.77	26.62	00.088	1508.7							
21.2	OBS	00050	14.86	35.773	26.62		1508.7							
	STO	00075	14.26	35.73	26.71	00.124	1507.2							
21.2	OBS	00075	14.26	35.730	26.71		1507.2							
	STO	00100	14.41	35.83	26.76	00.157	1508.2							
21.2	OBS	00100	14.41	35.825	26.76		1508.2							
	STO	00125	14.03	35.74	26.77	00.190	1507.3							
	STO	00150	13.71	35.67	26.78	00.223	1506.5							
21.2	OBS	00150	13.71	35.665	26.78		1506.5							
	STO	00200	13.24	35.55	26.82	00.285	1505.7							
21.2	OBS	T00205	13.18	35.575	26.82		1505.6							
	STO	00250	12.55	35.50	26.89	00.352	1504.1							
	STO	00300	11.72	35.40	26.97	00.412	1501.9							
21.2	OBS	00305	11.63	35.354	26.98		1501.7							
	STO	00400	09.60	35.18	27.18	00.520	1495.7							
21.2	OBS	00405	09.51	35.173	27.19		1495.5							
	STO	00500	08.50	35.11	27.34	00.611	1492.4							
21.2	OBS	T00510	08.07	35.105	27.37		1491.7							
	STO	00600	04.92	35.04	27.74	00.675	1480.6							
21.2	OBS	00610	04.69											
	STO	00700	04.77	35.00	27.72	00.720	1481.6							
	STO	00800	04.85	34.57	27.69	00.769	1483.0							
21.2	OBS	T00810	04.86	34.968	27.69		1483.8							
	STO	00900	04.70	34.97	27.71	00.815	1484.6							
	STO	01000	04.55	34.98	27.73	00.868	1485.7							
21.2	OBS	01015	04.53	34.979	27.73		1485.8							
21.2	OBS	T01525	04.13											

REFID 31 2220	YEAR 1973	BOTOP 05749	AIR TEMP 20.0	DIA HGT PER	WIND-OIR 26	INST NANSEN CAST	TEN SQ 1307
CONSEC 0008	MONTH 06	SHIP DU	WET BULB 20.0	34 2 2	WIND-SPO 10	TRACE OIR	5 SQUARE 1
LAT 43 50 N	DAY 14	DATA USE 1	BAROMETER 1010.8	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 20 W	MOOR 02.2	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X5	ORIG A4 028	1 SQUARE 00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	17.91	35.47	25.67	00.000	1516.8							
02.2	OBS	00000	17.91	35.471	25.67		1516.8							
	STO	00010	18.45	35.85	25.83	00.023	1516.9							
	STO	00020	16.76	36.14	25.97	00.044	1520.4							
02.2	OBS	00029	18.86	36.328	26.08		1521.1							
	STO	00030	18.86	36.34	26.10	00.064	1521.0							
	STO	00050	18.46	36.44	26.28	00.101	1520.4							
02.2	OBS	00055	18.41	36.453	26.30		1520.3							
	STO	00075	18.04	36.42	26.37	00.144	1519.5							
02.2	OBS	00082	17.54	36.419	26.39		1519.4							
	STO	00100	17.77	36.42	26.45	00.185	1519.2							
02.2	OBS	00107	17.65	36.410	26.45		1519.0							
	STO	00125	17.45	36.57	26.48	00.226	1518.5							
	STO	00150	17.04	36.50	26.52	00.266	1517.7							
02.2	OBS	00160	16.88	36.273	26.54		1517.4							
	STO	00200	16.18	36.15	26.61	00.343	1515.7							
02.2	OBS	T00213	15.56	36.114	26.63		1515.2							
	STO	00250	15.52	36.06	26.69	00.416	1514.4							
	STO	00300	14.70	35.96	26.78	00.487	1512.7							
02.2	OBS	00320	14.40	35.902	26.82		1511.8							
	STO	00400	12.62	35.80	26.95	00.616	1506.5							
02.2	OBS	00427	11.56	35.504	27.01		1505.0							
	STO	00500	09.86	35.23	27.17	00.727	1498.4							
02.2	OBS	00534	09.07	35.141	27.24		1495.9							
	STO	00600	07.96	35.08	27.36	00.820	1492.8							
02.2	OBS	T00641	07.35	35.051	27.43		1491.5							
	STO	00700	06.56	35.02	27.51	00.895	1488.9							
	STO	00800	05.51	34.58	27.62		1486.3							
02.2	OBS	T00861	05.05	34.961	27.66		1485.4							
	STO	00900	04.93	34.56	27.67		1485.5							
	STO	01000	04.66	34.96	27.71	01.067	1486.1							
02.2	OBS	T01076	04.48	34.967	27.73		1486.6							
02.2	OBS	T01616	03.58	34.576	27.79		1493.6							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

NOCC STATION DATA

REFID 31 2220 YEAR 1973 BOTDF 03-75 AIR TEMP 18.3 DRA MGT PER WIND-DIA 32 INST NANSEN CAST TEM S3 1337
CONSEC 0005 MONTH 06 SHIP DU WET BULB 18.3 34 3 2 WIND-SPO 16 TRACE DIA 5 SQUARE 1
LAT 41 20 N DAY 14 DATA USE 1 BAROMETR 1009.4 SEA DURATION 2 SQUARE 03
LONG 050 20 W HOUR 05.8 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER X5 ORIG A4 028 1 SQUARE 10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	ORYG	P04	TOT P	NO2	NO3	S103	PH
	STG	00000	16.96	35.19	25.69	00.000	1513.7							
05.6	085	00000	16.96	35.194	25.69		1513.7							
	STO	00010	16.90	35.32	25.80	00.023	1512.8							
	STO	00020	16.85	35.45	25.94	00.044	1514.0							
05.8	085	00028	16.80	35.648	26.08		1514.2							
	STO	00030	16.91	35.72	26.11	00.064	1514.8							
05.6	085	00045	17.45	36.190	26.34		1517.1							
	STO	00050	17.42	36.19	26.34	00.100	1517.0							
	STO	00075	16.75	36.17	26.49	00.141	1515.4							
05.8	085	00076	16.73	36.174	26.50		1515.4							
05.8	085	00098	16.45	36.155	26.55		1514.9							
	STC	00100	16.32	36.13	26.56	00.160	1514.5							
	STO	00125	14.52	35.85	26.66	00.217	1510.2							
05.6	085	00145	14.10	35.894	26.72		1507.7							
	STO	00150	13.55	35.68	26.73	00.252	1507.5							
05.8	085	T00152	13.24	35.543	26.76		1505.5							
	STO	00200	13.18	35.53	26.79	00.319	1505.3							
	STO	00250	12.69	35.45	26.82	00.385	1504.5							
05.8	085	T00282	12.41	35.423	26.86		1504.0							
	STO	00300	12.28	35.42	26.88	00.449	1503.9							
05.6	085	T00368	11.76	35.430	26.98		1503.3							
	STO	00400	10.70	35.29	27.07	00.566	1499.8							
05.6	085	T00452	09.54	35.135	27.15		1495.6							
	STC	00500	08.68	35.11	27.28	00.866	1493.9							
05.8	085	T00535	08.19	35.097	27.34		1492.6							
	STO	00600	06.97	35.05	27.47	00.747	1486.8							
05.6	085	T00697	05.76	34.987	27.59		1485.6							
	STO	00700	05.75	34.99	27.60	00.813	1485.6							
	STO	00800	05.53	35.05	27.66	00.870	1486.4							
05.6	085	T00864	05.39	35.048	27.69		1486.9							
05.8	085	T01331	04.24	34.987	27.77		1489.9							

REFID 31 2220 YEAR 1973 BOTDF 03-75 AIR TEMP 17.2 DRA MGT PER WIND-DIA 28 INST NANSEN CAST TEM S3 1307
CONSEC 0005 MONTH 06 SHIP DU WET BULB 17.2 34 2 2 WIND-SPO 10 TRACE DIA 5 SQUARE 1
LAT 41 53 N DAY 14 DATA USE 1 BAROMETR 1005.1 SEA DURATION 2 SQUARE 00
LONG 050 20 W HOUR 05.1 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER X2 ORIG A4 028 1 SQUARE 10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	ORYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	14.80	35.71	26.58	00.000	1507.6							
05.1	085	00000	14.80	35.707	26.58		1507.6							
	STO	00010	14.79	35.67	26.55	00.015	1507.7							
	STO	00020	14.73	35.65	26.55	00.030	1507.6							
	STO	00030	14.59	35.63	26.56	00.045	1507.4							
05.1	085	00032	14.56											
	STO	00050	14.14	35.61	26.64	00.074	1506.2							
05.1	085	00050	14.14	35.606	26.64		1506.2							
	STO	00075	13.70	35.62	26.75	00.108	1505.2							
05.1	085	00077	13.68	35.620	26.75		1505.2							
	STO	00100	13.55	35.62	26.78	00.141	1505.1							
05.1	085	00100	13.55	35.624	26.78		1505.1							
	STO	00125	13.41	35.60	26.80	00.174	1505.0							
	STO	00150	13.21	35.58	26.82	00.206	1504.8							
05.4	085	00150	13.21	35.578	26.82		1504.8							
	STO	00200	12.63	35.50	26.87	00.265	1503.5							
05.1	085	T00200	12.63	35.503	26.87		1503.5							
	STO	00250	11.52	35.39	27.00	00.328	1500.4							
05.1	085	00259	10.49	35.290	27.11		1497.4							
	STO	00300	10.47	35.25	27.11	00.382	1497.4							
05.1	085	00358	08.57	35.115	27.30		1491.8							
	STO	00400	08.52	35.12	27.30	00.476	1491.6							
05.1	085	T00456	06.78	34.997	27.47		1486.4							
	STO	00500	06.77	35.00	27.47	00.554	1486.4							
05.1	085	T00557	06.16	35.013	27.56		1485.8							
	STO	00600	06.14	35.01	27.56	00.620	1485.6							
	STO	00700	05.64	35.00	27.62	00.680	1485.1							
05.1	085	00799	05.18											
	STO	00800	05.18	34.98	27.66	00.738	1484.9							
05.1	085	00900	04.74	34.97	27.70		1484.8							
	STO	T00956	04.40	34.961	27.73		1485.0							
05.1	085	T01509	03.96	34.953	27.77		1491.7							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

NOOC STATION DATA

REFID 31 2220	YEAR 1973	BOATOP 03475	AIR TEMP 13.5	OIR MGT PER	WIND-OIR 29	INST NANSEN CAST	TEN SQ 1307
CONSEC 0011	MONTH 06	SHIP DU	WET BULB 13.9	27 2 2	WIND-SPO 08	TRACE OIR	5 SQUARE 1
LAT 42 20 N	DAY 14	DATA USE 1	BAROMETR 1008.1	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 19 W	MOU 12.4	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X4	ORIG A4 028	1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPH	SNO VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
	STO	00000	06.99	32.37	25.05	00.000	1483.3							
12.4	085	00000	08.99	32.372	25.09		1483.3							
	STO	00010	06.85	32.62	25.59	00.026	1475.7							
	STO	00020	05.27	32.87	25.98	00.045	1465.6							
12.4	085	00021	05.13	32.850	26.01		1465.1							
	STO	00030	03.62	33.05	26.30	00.068	1463.1							
12.4	085	00044	03.32	33.422	26.62		1462.6							
	STO	00050	04.84	33.65	26.68	00.095	1469.4							
12.4	085	00066	07.85	34.280	26.75		1482.6							
	STO	00075	08.88	34.56	26.81	00.132	1486.9							
12.4	085	00088	09.73	34.834	26.88		1450.7							
	STO	00100	05.26	34.79	26.93	00.162	1489.0							
	STO	00125	08.31	34.65	27.00	00.190	1485.8							
12.4	085	00125	08.17	34.676	27.01		1485.3							
	STO	00150	07.29	34.56	27.05	00.217	1482.0							
12.4	085	T00174	06.72	34.505	27.09		1480.2							
	STO	00200	07.57	34.73	27.15	00.267	1484.2							
12.4	085	00249	08.00	34.940	27.25		1486.9							
	STO	00250	07.56	34.53	27.25	00.313	1486.8							
	STO	00300	06.28	34.74	27.33	00.355	1480.8							
12.4	085	00323	05.74	34.695	27.37		1478.9							
	STO	00400	04.58	34.75	27.53	00.425	1477.3							
12.4	085	T00402	04.97	34.795	27.54		1477.2							
12.4	085	T00476	04.65	34.823	27.59		1477.3							
	STO	00500	04.65	34.84	27.61	00.462	1477.6							
	STO	00600	04.52	34.90	27.67	00.534	1478.8							
12.4	085	T00624	04.50	34.515	27.69		1479.1							
	STO	00700	04.46	34.93	27.70	00.582	1480.2							
12.4	085	T00785	04.41	34.947	27.72		1481.5							
12.4	085	T01213	04.04	34.554	27.77		1487.1							

REFID 31 2220	YEAR 1973	BOATOP 03409	AIR TEMP 13.3	OIR MGT PER	WIND-OIR 22	INST NANSEN CAST	TEN SQ 1307
CONSEC 0012	MONTH 06	SHIP DU	WET BULB 13.3	22 1 2	WIND-SPO 27	TRACE OIR	5 SQUARE 1
LAT 42 30 N	DAY 14	DATA USE 1	BAROMETR 1008.1	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	MOU 15.6	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X4	ORIG A4 028	1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPH	SNO VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
	STO	00000	07.03	32.71	25.63	00.000	1476.2							
15.6	085	00000	07.03	32.707	25.65		1476.2							
	STO	00010	04.04	32.89	26.13	00.021	1464.3							
	STO	00020	01.79	33.06	26.46	00.039	1455.0							
15.6	085	00028	00.52	33.153	26.64		1445.6							
	STO	00030	00.35	33.23	26.68	00.053	1449.1							
	STO	00050	- 0.46	33.51	26.94	00.076	1445.5							
15.6	085	00051	- 0.48	33.516	26.95		1445.9							
	STO	00075	- 0.37	33.55	26.98	00.106	1446.8							
15.6	085	00075	- 0.35	33.588	27.00		1447.0							
	STO	00100	02.55	33.95	27.11	00.132	1461.1							
15.6	085	00122	02.80	33.975	27.11		1462.0							
	STO	00125	03.32	34.16	27.21	00.155	1464.5							
	STO	00150	03.66	34.30	27.29	00.176	1466.9							
15.6	085	00153	03.68	34.312	27.29		1467.1							
	STO	00200	03.59	34.40	27.37	00.214	1467.6							
15.6	085	T00203	03.58	34.408	27.38		1467.6							
	STO	00250	04.02	34.58	27.47	00.245	1470.5							
	STO	00300	04.31	34.71	27.55	00.275	1472.7							
15.6	085	00304	04.33	34.720	27.55		1472.5							
	STO	00400	04.32	34.82	27.63	00.334	1474.5							
15.6	085	00405	04.32	34.823	27.63		1474.6							
	STO	00500	04.56	34.52	27.68	00.383	1477.3							
15.6	085	T00506	04.57	34.921	27.68		1477.5							
	STO	00600	04.73	34.57	27.70	00.431	1475.7							
15.6	085	T00606	04.73	34.971	27.70		1479.9							
	STO	00700	04.43	34.94	27.72	00.477	1480.1							
	STO	00800	04.22	34.53	27.73	00.523	1480.5							
15.6	085	00812	04.20	34.928	27.73		1481.0							
	STO	00900	04.18	34.94	27.74	00.565	1482.4							
	STO	01000	04.15	34.96	27.76	00.614	1486.0							
15.6	085	T01018	04.14	34.555	27.76		1486.2							
15.6	085	T01549	03.75	34.953	27.80		1451.5							

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

MOOC STATION DATA

REFID 31 2220	YEAR 1973	BOTOP 02577	AIR TEMP 12.8	DIR HGT PER 21 1 2	WIND-DIR 22	INST HANSEN CAST	TEN SQ 1307
CONSEC 0313	MONTH 06	SHIP DU	WET BULB 12.8		WIND-SPD 20	TRACE DIR	5 SQUARE 1
LAT 42 40 N	DAY 14	DATA USE 1	BAROMETR 1003.2	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 18 W	MOOR 10.2	AREA 05	CLOUD T/A X/9	CL/T/R	WEATHER K4	ORIG A4 028	1 SQUARE 20

CASINUM/INE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	UXYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	06.64	32.62	25.59	00.000	1475.3							
18.2	OBS	00000	06.64	32.624	25.59		1475.3							
	STO	00010	06.62	32.68	25.64	00.024	1475.5							
	STO	00020	06.12	32.75	25.78	00.047	1472.9							
18.2	OBS	00027	05.22	32.788	25.92		1469.4							
	STO	00030	04.23	32.45	26.11	00.067	1465.5							
18.2	OBS	00045	00.24	33.377	26.81		1448.9							
	STO	00050	00.30	33.39	26.81	00.095	1449.2							
	STO	00075	01.17	33.64	26.96	00.128	1453.9							
18.2	OBS	00075	01.17	33.640	26.96		1453.9							
18.2	OBS	00098	00.96	33.726	27.05		1453.5							
	STO	00100	01.07	33.75	27.06	00.155	1454.1							
	STO	00125	02.22	34.00	27.17	00.179	1459.9							
18.2	OBS	00145	02.81	34.148	27.24		1463.0							
	STO	00150	02.61	34.17	27.26	00.201	1463.1							
18.2	OBS	00156	02.96	34.346	27.35		1464.9							
	STO	00200	03.01	34.36	27.39	00.239	1465.1							
	STO	00250	03.68	34.56	27.49	00.272	1469.0							
18.2	OBS	00293	04.08	34.688	27.55		1471.6							
	STO	00300	04.11	34.70	27.56	00.302	1471.9							
18.2	OBS	00391	04.39	34.842	27.64		1474.7							
	STO	00400	04.40	34.85	27.65	00.355	1474.9							
18.2	OBS	00488	04.40	34.912	27.65		1476.5							
	STO	00500	04.57	34.91	27.70	00.403	1476.5							
18.2	OBS	00595	04.22	34.900	27.70		1477.5							
	STO	00600	04.22	34.90	27.71	00.445	1477.5							
	STO	00700	04.20	34.93	27.73	00.495	1479.2							
18.2	OBS	00785	04.19	34.938	27.74		1480.5							
	STO	00800	04.18	34.94	27.74	00.540	1480.7							
	STO	00900	04.09	34.94	27.75	00.584	1482.0							
18.2	OBS	00985	04.03	34.936	27.75		1483.2							
18.2	OBS	010507	03.81	34.950	27.79		1491.0							

REFID 31 2220	YEAR 1973	BOTOP 00088	AIR TEMP 12.8	DIR HGT PER 20 1 2	WIND-DIR 22	INST HANSEN CAST	TEN SQ 1307
CONSEC 0314	MONTH 06	SHIP DU	WET BULB 12.8		WIND-SPD 17	TRACE DIR	5 SQUARE 1
LAT 43 00 N	DAY 14	DATA USE 1	BAROMETR 1001.1	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	MOOR 22.8	AREA 05	CLOUD T/A 7/8	CL/T/R	WEATHER A2	ORIG A4 028	1 SQUARE 30

CASINUM/INE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	UXYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	06.11	32.41	25.52	00.000	1472.1							
22.6	OBS	00000	06.11	32.411	25.52		1472.1							
	STO	00010	02.41	32.45	25.93	00.025	1456.8							
	STO	00020	- 0.12	32.57	26.11	00.042	1445.7							
22.8	OBS	00024	- 0.81	32.633	26.25		1442.6							
	STO	00030	- 1.07	32.82	26.41	00.060	1441.8							
22.8	OBS	00044	- 1.47	33.152	26.68		1440.6							
	STO	00050	- 1.50	33.21	26.74	00.085	1440.6							
22.6	OBS	00069	- 1.52	33.242	26.77		1440.9							
	STO	00075	- 1.49											
22.6	OBS	00085	- 1.40											
	STO	00100	- 1.38											
	STO	00125	- 1.10											
22.8	OBS	00135	- 0.91											
	STO	00150	- 0.46											
22.8	OBS	00180	00.55	33.09 P	26.560*									
	STO	00200	01.77											
	STO	00250	03.96											
22.8	OBS	00273	04.55											
	STO	00300	04.43											
22.6	OBS	00367	04.23	33.12 P	26.290*									
	STO	00400	04.23											
22.8	OBS	00463	04.23	33.21 P	26.360									
	STO	00500	04.23											
22.8	OBS	00573	04.25	33.26 P	26.400									

TABLE VI. Observed oceanographic data occupied by USCGC BOUTWELL (A4-28)
12-28 June 1973.—Continued

N O O C S T A T I O N O A T A

REFID 31 2220	YEAR 1973	BDTOP 00067	AIR TEMP 12.2	OIR MGT PEA	WIND-OIR 22	INST NANSSEN CAST	TEN SW 1307
CONSEC 0015	MONTH 06	SHIP 00	WET BULB 11.7	22 2 2	WIND-SPD 13	TRACE OIR	5 SQUARE 1
LAT 43 20 N	DAY 15	DATA USE 1	BAROMETR 1001.6	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 150 20 W	MOJA 00.2	AREA 05	CLOUD T/A 7/8	CL/TA	WEATHER X2	ORIG 2 A4 028	1 SQUARE 30

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STO	00000	06.17	33.35	25.96	00.000	1481.4							
00.2	DBS	00000	08.17	33.355	25.98		1481.4							
	STO	00010	07.43	33.38	26.11	00.020	1478.8							
	STO	00020	06.12	33.44	26.33	00.038	1473.8							
00.2	DBS	00024	05.44	33.477	26.44		1471.2							
	STO	00030	03.34	33.55	26.72	00.053	1462.6							
00.2	DBS	00048	- 0.56	33.773	27.16		1445.8							
	STO	00050	- 0.58	33.84	27.22	00.075	1445.8							
00.2	DBS	00067	- 0.75	34.732	27.55		1446.6							

REFID 31 2220	YEAR 1973	BDTOP 00820	AIR TEMP 10.6	OIR MGT PEA	WIND-OIR 27	INST NANSSEN CAST	TEN SW 1307
CONSEC 0016	MONTH 06	SHIP 00	WET BULB 10.6	25 5 2	WIND-SPD 26	TRACE OIR	5 SQUARE 1
LAT 42 46 N	DAY 15	DATA USE 1	BAROMETR 1003.3	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 150 25 W	MOJA 03.4	AREA 05	CLOUD T/A 7/6	CL/TA	WEATHER X1	ORIG 2 A4 028	1 SQUARE 20

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STO	00000	06.11	34.84	27.15	00.000	1482.1							
03.4	DBS	00000	08.21	34.837	27.15		1485.1							
	STO	00010	06.77	34.84	27.35	00.008	1478.1							
	STO	00020	05.20	34.85	27.56	00.015	1472.0							
03.4	DBS	00024	04.51	34.858	27.64		1469.2							
	STO	00030	03.41	34.84	27.76	00.015	1464.7							
03.4	DBS	00048	- 0.37	34.888	28.05		1448.2							

TABLE VII. Observed oceanographic data occupied by USCGC MORGENTHAU (A3-61)
18-25 July 1973.

N O O C S T A T I O N O A T A

REFID 31 2234 YEAR 1973 BOTOP 00060 AIR TEMP 17.4 DIR MGT PER WIND-DIR 15 INST MANSEN CAST TEN SO 1306
CONSEC 0001 MONTH 07 SHIP 4M MET BULB 16.7 15 2 3 WIND-SPD 10 TRACE DIR 5 SQUARE 2
LAT 44 39 N DAY 22 DATA USE 1 BAROMETR 1016.1 SEA WIND-FOR 00.035 1486.8
LONG 049 20 W HOUR 16.8 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER 46 DURATION 2 SQUARE 46
ORIG A3 061 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
16.8	STS	00000	16.12	31.73	23.23	00.000	1506.5							
	OBS	00000	16.12	31.73	23.23		1506.9							
	STS	00010	09.99	32.13	24.74	00.035	1486.8							
	STS	00020	05.20	32.47	25.67	00.067	1468.8							
16.8	OBS	00025	03.32	32.615	25.98		1461.2							
	STS	00030	01.77	32.75	26.21	00.086	1454.7							
	STS	00035	- 1.04	33.15	26.66	00.120	1442.7							
16.8	OBS	00050	- 1.04	33.125	26.66		1442.7							

REFID 31 2234 YEAR 1973 BOTOP 00025 AIR TEMP 17.2 DIR MGT PER WIND-DIR 08 INST MANSEN CAST TEN SO 1306
CONSEC 0002 MONTH 07 SHIP 4M MET BULB 16.8 09 2 3 WIND-SPD 08 TRACE DIR 5 SQUARE 2
LAT 44 35 N DAY 22 DATA USE 1 BAROMETR 1014.7 SEA WIND-FOR 00.035 1487.5
LONG 049 08 W HOUR 16.3 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER 46 DURATION 2 SQUARE 48
ORIG A3 061 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
16.3	STS	00000	16.34	31.71	23.17	00.000	1507.6							
	OBS	00000	16.34	31.708	23.17		1507.6							
	STS	00010	10.08	32.38	24.92	00.035	1487.5							
	STS	00020	05.22	32.86	25.58	00.064	1469.4							
19.3	OBS	00025	03.30	33.026	26.31		1461.6							
	STS	00030	02.06	33.06	26.44	00.082	1456.4							
19.3	OBS	00045	- 1.07	33.168	26.69		1442.6							
	STS	00050	- 1.09	33.17	26.70	00.114	1442.5							
19.3	OBS	00074	- 1.43	33.231	26.75		1441.4							
	STS	00075	- 1.42	33.24	26.76	00.145	1441.5							
19.3	OBS	00099	- 1.32	33.325	26.83		1442.5							
	STS	00100	- 1.32	33.33	26.83	00.177	1442.5							
	STS	00125	- 1.34	33.37	26.86	00.207	1442.9							
19.3	OBS	00148	- 1.35	33.411	26.90		1443.3							
	STS	00150	- 1.35	33.42	26.90	00.236	1443.3							
	STS	00200	- 1.24	33.56	27.02	00.291	1444.9							
19.3	OBS	00202	- 1.23	33.566	27.02		1444.9							
	STS	00250	- 0.98	33.67	27.10	00.341	1447.0							
	STS	00300	- 0.58	33.75	27.14	00.388	1445.8							
19.3	OBS	100301	- 0.57	33.747	27.14		1445.9							

REFID 31 2234 YEAR 1973 BOTOP 02175 AIR TEMP 16.4 DIR MGT PER WIND-DIR 05 INST MANSEN CAST TEN SO 1306
CONSEC 0003 MONTH 07 SHIP 4M MET BULB 15.4 05 2 3 WIND-SPD 09 TRACE DIR 5 SQUARE 2
LAT 44 38 N DAY 22 DATA USE 1 BAROMETR 1015.0 SEA WIND-FOR 00.035 1490.7
LONG 048 30 W HOUR 22.3 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER 42 DURATION 2 SQUARE 46
ORIG A3 061 1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
22.3	STS	00000	13.40	31.81	23.87	00.000	1458.2							
	OBS	00000	13.40	31.811	23.87		1498.2							
	STS	00010	10.98	32.34	24.73	00.036	1490.7							
	STS	00020	08.63	32.76	25.44	00.065	1482.7							
22.3	OBS	00025	07.49	32.926	25.74		1478.7							
	STS	00030	06.14	33.32	25.59	00.088	1475.5							
	STS	00050	02.08	33.33	26.65	00.122	1457.1							
22.3	OBS	00050	02.08	33.327	26.65		1457.1							
	STS	00073	00.06	33.557	26.59		1448.9							
	STS	00079	00.18	33.62	27.01	00.193	1445.5							
22.3	OBS	00068	01.16	33.677	27.15		1454.6							
	STS	00100	01.21	33.69	27.16	00.178	1454.9							
	STS	00125	01.70	34.07	27.27	00.199	1457.7							
22.3	OBS	00147	01.94	34.153	27.35		1459.3							
	STS	00150	01.93	34.21	27.36	00.219	1455.3							
	STS	00200	01.75	34.36	27.50	00.252	1455.8							
22.3	OBS	00200	01.79	34.360	27.50		1459.8							

TABLE VII. Observed oceanographic data occupied by USCGC MORGENTHAU (A3-61)
18-25 July 1973.—Continued

NOOC STATION DATA

REFID 31 2234	YEAR 1973	BOTOP 02541	AIR TEMP 16.6	OIR HGT PER 07 2 3	WIND-OIR 07	INST NANSEN CAST	TEM SO 5306
CONSEC 0000	MONTH 07	SHIP 4M	WET BULB 14.8	07 2 3	WIND-SPO 12	TRACE OIR	5 SQUARE 2
LAT 44 30 N	DAY 23	DATA USE 1	BAROMETR 1016.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 35 W	MOUR 03.8	AREA 05	CLOUD T/A A/B	CL/TA	WEATHER 14	ORIG A3 061	1 SQUARE 48

CASINUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NC2	NO3	SIO3	PN
00.8	STO	00000	13.70	31.31	23.42	00.000	1498.6							
00.8	OBS	00000	13.70	31.509	23.42		1498.6							
00.8	STO	00010	09.15	31.78	24.40	00.039	1483.3							
00.8	STO	00020	05.84	32.18	25.37	00.069	1471.0							
00.8	OBS	00025	04.84											
00.8	STO	00030	04.33	32.52	25.81	00.093	1465.4							
00.8	OBS	00045	03.19	32.991	26.29		1461.5							
00.8	STO	00050	03.16	33.00	26.30	00.132	1461.4							
00.8	OBS	00074	01.78	33.257	26.62		1456.1							
00.8	STO	00075	01.63	33.27	26.64	00.172	1455.5							
00.8	OBS	00099	- 0.87	33.616	27.05		1445.0							
00.8	STO	00100	- 0.82	33.63	27.05	00.202	1445.2							
00.8	STO	00125	00.28	33.87	27.20	00.226	1451.1							
00.8	OBS	00148	01.23	34.086	27.32		1456.0							
00.8	STO	00150	01.32	34.11	27.33	00.246	1456.5							
00.8	STO	00200	03.12	34.51	27.50	00.280	1465.7							
00.8	OBS	00202	03.17	34.520	27.51		1466.0							
00.8	STO	00250	03.65	34.68	27.59	00.308	1469.1							
00.8	STO	00300	04.00	34.80	27.65	00.334	1471.5							
00.8	OBS	00301	04.01	34.805	27.65		1471.6							
00.8	STO	00400	04.23	34.90	27.70	00.380	1474.3							
00.8	OBS	00400	04.23	34.900	27.70		1474.3							
00.8	STO	00500	04.43	34.95	27.73	00.423	1476.8							
00.8	OBS	00505	04.43	34.956	27.73		1476.9							
00.8	STO	00600	04.33	34.96	27.74	00.466	1478.1							
00.8	OBS	00604	04.32	34.965	27.75		1478.1							
00.8	STO	00700	04.03	34.94	27.76	00.508	1478.5							
00.8	STO	00800	03.82	34.93	27.77	00.550	1479.2							
00.8	OBS	00802	03.82	34.925	27.77		1479.3							
00.8	STO	00900	03.75	34.92	27.77	00.592	1480.6							
00.8	STO	01000	03.68	34.92	27.78	00.633	1482.0							
00.8	OBS	01006	03.68	34.925	27.78		1482.1							
00.8	OBS	01515	03.58	34.991	27.84		1490.3							

REFID 31 2234	YEAR 1973	BOTOP 03252	AIR TEMP 17.1	OIR HGT PER 29 2 3	WIND-OIR 29	INST NANSEN CAST	TEM SO 1306
CONSEC 0005	MONTH 07	SHIP 4M	WET BULB 15.6	29 2 3	WIND-SPO 10	TRACE OIR	5 SQUARE 2
LAT 44 27 N	DAY 23	DATA USE 1	BAROMETR 1017.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 21 W	MOUR 03.7	AREA 05	CLOUD T/A 6/8	CL/TA	WEATHER 44	ORIG A3 061	1 SQUARE 48

CASINUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NC2	NO3	SIO3	PN
03.7	STO	00000	13.17	32.09	24.13	00.000	1497.6							
03.7	OBS	00000	13.17	32.051	24.13		1497.8							
03.7	STO	00010	08.88	32.52	25.22	00.033	1483.2							
03.7	STO	00020	05.46	32.88	25.56	00.057	1470.4							
03.7	OBS	00025	04.08	33.031	26.24		1465.0							
03.7	STO	00030	03.07	33.15	26.43	00.075	1460.9							
03.7	STO	00050	00.41	33.53	26.92	00.103	1450.0							
03.7	OBS	00050	00.41	33.533	26.92		1450.0							
03.7	STO	00075	00.15	33.80	27.15	00.128	1449.5							
03.7	OBS	00075	00.15	33.795	27.15		1449.5							
03.7	STO	00100	- 0.28	33.90	27.26	00.150	1448.1							
03.7	OBS	00100	- 0.28	33.902	27.26		1448.1							
03.7	STO	00125	00.43	34.07	27.35	00.170	1452.0							
03.7	STO	00150	01.31	34.25	27.45	00.187	1456.7							
03.7	OBS	00150	01.31	34.255	27.45		1456.7							
03.7	STO	00200	03.74	34.71	27.60	00.216	1468.5							
03.7	OBS	00205	03.88	34.735	27.61		1469.4							
03.7	STO	00250	04.19	34.82	27.65	00.241	1471.5							
03.7	STO	00300	04.40	34.89	27.67	00.264	1473.3							
03.7	OBS	00305	04.41	34.890	27.68		1473.4							
03.7	STO	00400	04.37	34.91	27.70	00.310	1474.9							
03.7	OBS	00405	04.36	34.913	27.70		1474.9							
03.7	STO	00500	04.11	34.93	27.74	00.353	1475.5							
03.7	OBS	00510	04.10	34.935	27.75		1475.6							
03.7	STO	00600	04.14	34.96	27.76	00.394	1477.3							
03.7	OBS	00610	04.14	34.960	27.76		1477.3							
03.7	STO	00700	03.93	34.94	27.77	00.435	1478.1							
03.7	STO	00800	03.77	34.93	27.77	00.475	1479.0							
03.7	OBS	00810	03.76	34.925	27.78		1479.1							
03.7	STO	00900	03.67	34.94	27.79	00.516	1480.4							
03.7	OBS	00915	03.66	34.938	27.79		1481.9							
03.7	STO	01015	03.54	34.975	27.83	00.557	1482.1							
03.7	OBS	01025	03.54	34.975	27.83		1490.3							
03.7	STO	01750	03.50	34.98	27.84		1493.9							
03.7	STO	02000	03.39	34.98	27.86		1497.7							
06.4	OBS	02021	03.38	34.983	27.86		1498.0							
06.4	STO	02500	02.96	34.96	27.88		1504.4							
06.4	OBS	02528	02.93	34.961	27.88		1504.7							
06.4	STO	03000	02.36	34.94	27.92		1510.4							
06.4	OBS	03030	02.34	34.941	27.92		1510.8							
06.4	OBS	03226	02.21	34.937	27.93		1513.7							

TABLE VII. Observed oceanographic data occupied by USCGC MORGENTHAU (A3-61)
18-25 July 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 2234	YEAR 1973	BOTOP 03402	AIR TEMP 14.6	DIR MGT PER	WIND-DIR 16	INST NANSEN CAST	TEN SO 1306
CONSEC 0000	MONTH 07	SHIP 4M	WET BULB 14.2	16 3 4	WIND-SPD 03	TRACE DIR	5 SQUARE 2
LAT 44 25 N	DAY 23	DATA USE 1	BAROMETR 1017.2	SEA	WIND-FDR	DURATION	2 SQUARE 46
LONG 048 07 W	MOJR 05.8	AREA 05	CLOUD T/A X/T	CL/TR	WEATHER A4	ORIG A3 061	1 SQUARE 48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PD4	TOT P	MO2	NO3	SIO3	PH
	STD	00000	13.43	32.40	24.32	00.000	1459.1							
09.8	DBS	00003	13.43	32.400	24.32		1459.1							
	STD	00010	09.34	32.81	25.37	00.031	1485.3							
	STD	00020	05.68	33.12	26.13	00.054	1471.6							
09.8	DBS	00021	05.34	33.150	26.19		1470.3							
	STD	00030	02.02	33.32	26.65	00.070	1456.5							
09.8	DBS	00036	00.19	33.445	26.86		1448.6							
	STD	00050	00.33	33.57	26.96	00.095	1449.8							
09.8	DBS	00059	00.35	33.667	27.03		1450.2							
	STD	00073	00.27	33.76	27.11	00.121	1450.0							
09.8	DBS	00076	00.26											
	STD	00100	01.68	33.89	27.13	00.145	1457.0							
09.8	DBS	00113	02.33											
	STD	00125	02.55	34.02	27.17	00.168	1461.4							
	STD	00150	03.04	34.14	27.22	00.190	1464.1							
09.8	DBS	T00156	03.15											
	STD	00200	03.10	34.36	27.33	00.231	1468.0							
09.8	DBS	00240	04.11	34.517	27.41		1470.6							
	STD	00250	04.23	34.55	27.43	00.268	1471.3							
	STD	00300	04.64	34.71	27.51	00.300	1474.1							
09.8	DBS	T00324	04.72	34.775	27.55		1474.9							
	STD	00400	04.45	34.50	27.68	00.354	1475.2							
09.8	DBS	00410	04.47	34.507	27.69		1475.2							
09.8	DBS	00496	04.28	34.950	27.74		1476.1							
	STD	00500	04.28	34.55	27.74	00.365	1476.2							
	STD	00600	04.24	34.93	27.73	00.442	1477.7							
09.8	DBS	T00683	04.14	34.924	27.73		1478.6							
	STD	00700	04.11	34.92	27.74	00.466	1478.8							
	STD	00800	03.91	34.92	27.73	00.529	1479.6							
09.8	DBS	T00869	03.72	34.920	27.77		1479.9							

REFID 31 2234	YEAR 1973	BOTOP 03564	AIR TEMP 13.4	DIR MGT PER	WIND-DIR 03	INST NANSEN CAST	TEN SO 1306
CONSEC 0007	MONTH 07	SHIP 4M	WET BULB 14.9	16 3 4	WIND-SPD 10	TRACE DIR	5 SQUARE 2
LAT 44 23 N	DAY 23	DATA USE 1	BAROMETR 1016.3	SEA	WIND-FDR	DURATION	2 SQUARE 46
LONG 047 54 W	MOJR 14.6	AREA 05	CLOUD T/A X/T	CL/TR	WEATHER A4	ORIG A3 061	1 SQUARE 47

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PD4	TOT P	MO2	NO3	SIO3	PH
	STD	00000	13.30	32.50	24.42	00.000	1498.8							
14.6	DBS	00000	13.30	32.499	24.42		1498.8							
	STD	00010	10.77	32.62	24.59	00.033	1490.3							
	STD	00020	07.85	32.79	25.58	00.059	1479.8							
14.6	DBS	00025	06.25	32.884	25.87		1473.7							
	STD	00030	03.57	33.01	26.27	00.080	1462.9							
14.6	DBS	00045	- 1.14	33.371	26.86		1442.5							
	STD	00050	- 0.11	33.50	26.92	00.106	1447.5							
14.6	DBS	00071	02.45	33.870	27.05		1459.5							
	STD	00075	02.37	33.50	27.08	00.136	1459.6							
14.6	DBS	00092	02.12	34.006	27.19		1458.9							
	STD	00100	02.14	34.04	27.21	00.155	1459.2							
	STD	00125	02.20	34.13	27.28	00.180	1460.0							
14.6	DBS	00139	02.24	34.174	27.31		1460.5							
	STD	00150	02.05	34.15	27.34	00.200	1459.8							
14.6	DBS	T00185	01.68	34.264	27.43		1458.9							
	STD	00200	01.81	34.32	27.46	00.234	1459.8							
	STD	00250	02.30	34.49	27.56	00.264	1463.0							
14.6	DBS	00278	02.59	34.567	27.60		1464.8							
	STD	00300	02.92	34.63	27.62	00.290	1466.7							
14.6	DBS	T00373	03.71	34.775	27.66		1471.5							
	STD	00400	03.81	34.79	27.66	00.335	1472.3							
14.6	DBS	00470	03.99	34.848	27.69		1474.4							
	STD	00500	04.03	34.88	27.71	00.385	1475.0							
14.6	DBS	T00570	04.10	34.950	27.74		1476.6							
	STD	00600	04.13	34.93	27.74	00.429	1477.2							
	STD	00700	04.21	34.94	27.74	00.472	1479.2							
14.6	DBS	T00786	04.27	34.553	27.74		1480.9							

TABLE VII. Observed oceanographic data occupied by USCGC MORGENTHAU (A3-61)
18-25 July 1973.—Continued

MOOC STATION DATA

REFID 31 2234	YEAR 1973	BOTOP 03745	AIR TEMP 16.4	OIR HGT PER	WIND-OIR 14	INST NANSEN CAST	TEN SG 1306
CONSEC 00008	MONTH 07	SHIP 4M	WET BULB 16.2	14 2 3	WIND-SPO 11	TRACE OIR	5 SQUARE 2
LAT 44 25 N	DAY 23	DATA USE 1	BAROMETER 1014.4	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 33 W	HOUR 17.4	AREA 05	CLOUD T/A 7/7	CL/TR	WEATHER X6	ORIG A3 061	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	15.46	32.73	24.15	00.000	1536.1							
17.4	005	00000	15.46	32.735	24.15		1536.1							
	STO	00010	10.62	32.95	25.30	00.032	1490.2							
	STO	00020	06.68	33.18	26.03	00.056	1475.7							
17.4	085	00028	04.17	35.283	26.43		1465.7							
	STO	00030	03.53	33.29	26.49	00.073	1463.0							
	STO	00050	03.10	33.32	26.77	00.102	1448.3							
17.4	085	00052	00.06	33.328	26.78		1448.1							
	STO	00075	04.49	34.03	26.98	00.131	1408.8							
17.4	085	00075	04.85	34.092	26.99		1470.5							
	STO	00100	04.64	34.14	27.06	00.158	1470.0							
17.4	085	00102	04.62	34.148	27.06		1470.3							
	STO	00125	03.36	34.35	27.14	00.182	1473.7							
	STO	00150	05.85	34.50	27.20	00.205	1476.3							
17.4	085	00151	05.86	34.910	27.20		1476.3							
	STO	00200	05.84	34.64	27.31	00.248	1477.2							
17.4	085	00201	05.84	34.643	27.31		1477.3							
	STO	00250	05.83	34.76	27.41	00.286	1478.2							
17.4	085	00299	05.82	34.849	27.48		1479.1							
	STO	00300	05.81	34.85	27.48	00.320	1479.1							
17.4	085	00357	05.28	34.912	27.39		1478.6							
	STO	00400	05.27	34.51	27.63	00.380	1478.6							
17.4	085	00456	04.88	34.936	27.66		1478.6							
	STO	00530	04.87	34.94	27.66	00.433	1478.6							
17.4	085	00554	04.63	34.948	27.70		1475.2							
	STO	00600	04.63	34.55	27.70	00.481	1475.3							
	STO	00700	04.57	34.57	27.72	00.528	1480.7							
17.4	085	00795	04.51	34.981	27.74		1482.1							
	STO	00800	04.49	34.58	27.74	00.573	1482.1							
	STO	00900	04.22	34.56	27.75	00.618	1482.6							
	STO	01000	04.01	34.55	27.77	00.662	1483.4							
17.4	085	01003	04.00	34.949	27.77		1483.4							
17.4	085	01056	03.84	34.565	27.80		1491.2							

REFID 31 2234	YEAR 1973	BOTOP 03531	AIR TEMP 16.4	OIR HGT PER	WIND-OIR 14	INST NANSEN CAST	TEN SG 1306
CONSEC 00008	MONTH 07	SHIP 4M	WET BULB 16.1	14 2 3	WIND-SPO 08	TRACE OIR	5 SQUARE 2
LAT 44 19 N	DAY 23	DATA USE 1	BAROMETER 1015.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 14 W	HOUR 20.4	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X6	ORIG A3 061	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	18.91	32.63	23.36	00.000	1515.2							
20.4	085	00000	14.51	32.634	23.36		1515.2							
	STO	00010	12.91	32.68	24.84	00.035	1457.8							
	STO	00020	08.54	32.79	25.48	00.068	1482.4							
	STO	00030	05.40	32.95	26.03	00.091	1470.4							
20.4	085	00030	05.40	32.954	26.03		1470.4							
	STO	00050	03.21	33.54	26.72	00.124	1462.3							
20.4	085	00055	02.95	33.644	26.83		1461.5							
	STO	00075	03.54	33.89	26.67	00.155	1464.7							
20.4	085	00085	03.83	33.591	27.02		1466.2							
	STO	00100	04.23	34.08	27.06	00.181	1468.2							
20.4	085	00110	04.52	34.153	27.08		1469.7							
	STO	00125	05.29	34.32	27.13	00.206	1473.3							
	STO	00150	06.15	34.54	27.18	00.225	1477.7							
20.4	085	00165	06.50	34.626	27.21		1475.3							
	STO	00200	06.29	34.67	27.28	00.273	1475.1							
20.4	085	00220	06.18	34.697	27.31		1479.0							
	STO	00440	05.50											
	STO	00500	05.42											
20.4	085	00550	05.32	35.020	27.67		1481.4							
	STO	00600	05.16	35.02	27.69		1481.6							
20.4	085	00660	04.95	35.019	27.71		1481.9							
	STO	00700	04.93	35.02	27.72		1482.4							
	STO	00800	04.83	35.02	27.74		1483.5							
20.4	085	00885	04.67	35.028	27.76		1484.3							
	STO	00900	04.62	35.02	27.76		1484.4							
	STO	01000	04.32	35.00	27.77		1486.8							
	STO	01100	04.30	34.98	27.78		1485.4							
20.4	085	01105	04.07	34.577	27.78		1485.4							
20.4	085	011655	03.70	34.959	27.81		1493.1							

TABLE VII. Observed oceanographic data occupied by USCGC MORGENTHAU (A3-61)
18-25 July 1973.—Continued

MOOC STATION DATA

REFID 31 223+	YEAR 1975	BOTOP 03913	AIR TEMP 19.5	DIR HGT PER	WIND-DIR 21	INST NANSEN CAST	TEN SJ 1306
CONSEC 0013	MONTH 07	SHIP 4M	WET BULB 18.0	00 X A	WIND-SPD 07	TRACE DIR	5 SQUARE 2
LAT 44 07 N	DAY 24	DATA USE 1	BAROMETR 1014.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 33 W	MOOR 04.0	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER A6	ORIG A3 061	1 SQUARE 46

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OVNDPTH	SNO VEL	OXYG	PQ4	TOT P	MO2	NO3	SIO3	PH
	STO	00000	19.80											
04.0	OBS	00000	19.86	32.85	23.15	00.000	1519.2							
	STO	00010	18.05	32.854	23.15		1519.2							
	STO	00020	12.54											
04.0	OBS	00024	11.22											
	STO	00030	08.87											
04.0	OBS	00045	05.09											
	STO	00050	05.14											
04.0	OBS	00070	05.45											
	STO	00075	05.58											
04.0	OBS	00050	05.53											
	STO	00100	06.10											
	STO	00125	06.43											
04.0	OBS	00135	06.52											
	STO	00150	06.58											
04.0	OBS	00180	06.63											
	STO	00200	06.58											
	STO	00250	06.32											
04.0	OBS	00266	06.19											
	STO	00300	05.67											
04.0	OBS	00350	05.21											
	STO	00400	05.21											
04.0	OBS	00435	05.21											
	STO	00500	05.43											
04.0	OBS	00576	05.43											
	STO	00600	05.32											
04.0	OBS	00688	04.96											
	STO	00700	04.91											
	STO	00800	04.57											
04.0	OBS	00854	04.41	34.925	27.70		1482.6							

TABLE VIII. Observed oceanographic data occupied by USCGC INGHAM (A2-57)
9-16 August 1973.

NOOC STATION DATA

REFID 31 2242	YEAR 1973	BOATOP 00145	AIR TEMP 12.3	OIR MGT PER	WIND-OIR 05	INST NANSEN CAST	TEN SQ 1306
CONSEC 0001	MONTH 08	SHIP IN	WET BULB 12.0	05 4 3	WIND-SPD 20	TRACE OIR	5 SQUARE 4
LAT 47 03 N	DAY 14	DATA USE 1	BAROMETR 1008.1	SEA	WIND-FOR	DURATION	2 SQUARE A6
LONG 047 56 W	MOJR 00.7	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER Xc	ORIG A2 057	1 SQUARE 77

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	12.98											
00.7	DBS	00000	12.98											
	STD	00010	06.72											
	STD	00020	05.38											
00.7	DBS	00029	03.16	32.245	25.70		1460.0							
	STD	00030	03.06	32.25	25.74		1455.7							
	STD	00050	01.17	32.56	26.42		1452.6							
00.7	DBS	00053	00.50	33.027	26.49		1451.5							
	STD	00075	- 1.29	33.13	26.67		1441.5							
00.7	DBS	00082	- 1.63	33.163	26.70		1440.5							
	STD	00100	- 1.61	33.26	26.78		1441.0							
00.7	DBS	00106	- 1.47	33.293	26.81		1441.8							
	STD	00125	- 0.55	33.38	26.85		1446.6							
00.7	DBS	000141	00.76	33.455	26.84		1452.9							

REFID 31 2242	YEAR 1973	BOATOP 00183	AIR TEMP 12.3	OIR MGT PER	WIND-OIR 04	INST NANSEN CAST	TEN SQ 1306
CONSEC 0002	MONTH 08	SHIP IN	WET BULB 12.0	05 4 3	WIND-SPD 15	TRACE OIR	5 SQUARE 4
LAT 47 02 N	DAY 14	DATA USE 1	BAROMETR	SEA	WIND-FOR	DURATION	2 SQUARE A6
LONG 047 35 W	MOJR 03.5	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER A2	ORIG A2 057	1 SQUARE 77

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	12.68	31.25	23.57	00.000	1495.1							
03.5	DBS	00000	12.68	31.247	23.57		1495.1							
	STD	00010	07.76	32.40	25.29	00.035	1478.8							
	STD	00020	03.68	33.14	26.34	00.057	1464.2							
03.5	DBS	00024	02.62	33.318	26.60		1459.1							
	STD	00030	01.23	33.21	26.61	00.073	1452.5							
03.5	DBS	00048	- 1.48	33.020	26.58		1440.4							
	STD	00050	- 1.50	33.03	26.59	00.102	1440.4							
03.5	DBS	00075	- 1.60	33.117	26.67		1440.4							
	STD	00075	- 1.60	33.13	26.67	00.137	1440.5							
03.5	DBS	00097	- 1.56	33.229	26.76		1441.2							
	STD	00100	- 1.51	33.24	26.77	00.170	1441.5							
	STD	00125	- 0.72	33.37	26.85	00.201	1445.7							
	STD	00150	00.74	33.51	26.86	00.231	1453.1							
03.5	DBS	000154	01.04	33.531	26.88		1454.5							

REFID 31 2242	YEAR 1973	BOATOP 00215	AIR TEMP 14.8	OIR MGT PER	WIND-OIR 04	INST NANSEN CAST	TEN SQ 1306
CONSEC 0003	MONTH 08	SHIP IN	WET BULB 12.6	04 4 3	WIND-SPD 17	TRACE OIR	5 SQUARE 4
LAT 47 04 N	DAY 14	DATA USE 1	BAROMETR 1010.6	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 28 W	MOJR 05.1	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X2	ORIG A2 057	1 SQUARE 77

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	12.70	31.26	23.58	00.000	1495.2							
05.1	DBS	00000	12.70	31.255	23.58		1495.2							
	STD	00010	06.83	31.91	25.03	00.035	1474.5							
	STD	00020	02.55	32.41	25.88	00.062	1457.6							
05.1	DBS	00025	01.08	32.608	26.14		1451.3							
	STD	00030	00.77	32.72	26.25	00.081	1450.2							
	STD	00050	- 0.39	33.04	26.56	00.114	1445.6							
05.1	DBS	00050	- 0.35	33.039	26.55		1445.6							
05.1	DBS	00074	- 1.67	33.135	26.68		1440.1							
	STD	00075	- 1.55	33.14	26.69	00.145	1440.2							
05.1	DBS	00055	- 1.55	33.225	26.73		1441.0							
	STD	00100	- 1.59	33.23	26.76	00.182	1441.1							
	STD	00125	- 1.55	33.34	26.84	00.214	1441.8							
05.1	DBS	00149	- 1.52	33.454	26.94		1442.5							
	STD	00130	- 1.51	33.46	26.94	00.243	1442.6							
05.1	DBS	000193	- 0.77	33.712	27.12		1447.1							

TABLE VIII. Observed oceanographic data occupied by USCGC INGHAM (A2-57)
9-16 August 1973.—Continued

N O D C S T A T I O N O A T A

REPID 31 2242	YEAR 1973	DOTOP 03564	AIR TEMP 12.7	DIA MGT PER	WIND-DIR 04	INST NANSEN CAST	TEN SG 1306
CONSEC 3304	MONTH 08	SHIP IN	WET BULB 11.9	04 3 3	WIND-SPD 16	TRACE DIR	5 SQUARE 4
LAT 47 05 N	DAY 14	DATA USE 1	BAROMETER 1010.1	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 347 18 W	MOJR 09.0	AREA 05	CLOUD T/A 7/8	CL/TA	WEATHER X2	ORIG A2 057	1 SQUARE 77

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
09.0	STC	30030	12.43	31.11	23.49	03.030	1494.7							
	DBS	00000	12.60	31.113	23.49		1494.7							
	STO	33313	05.66	32.01	25.25	03.036	1469.9							
	STO	00020	00.80	32.65	24.15	00.058	1450.0							
09.0	DBS	00026	- 1.11	32.904	26.48		1441.7							
	STO	03332	- 1.26	32.54	26.51	00.275	1441.1							
09.0	DBS	00048	- 1.70	33.041	26.62		1435.5							
	STO	00050	- 1.73	33.06	26.63	00.105	1435.5							
	STO	00075	- 1.69	33.13	26.68	00.140	1440.1							
09.0	DBS	00075	- 1.48	33.133	26.68		1441.1							
09.0	DBS	03057	- 1.39	33.220	26.75		1441.0							
	STO	00100	- 1.39											
	STO	00125	- 1.31											
09.0	DBS	00146	- 1.35											
	STO	00150	- 1.30											
09.0	DBS	00156	- 0.62											
	STO	00200	- 0.55											
	STO	03253	03.44											
	STO	00320	01.84											
09.0	DBS	00328	02.45	34.551	27.60		1465.0							

REPID 31 2242	YEAR 1973	DOTOP 01165	AIR TEMP 13.0	DIA MGT PER	WIND-DIR 07	INST NANSEN CAST	TEN SG 1306
CONSEC 3305	MONTH 08	SHIP IN	WET BULB 11.8	07 3 3	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 47 01 N	DAY 14	DATA USE 1	BAROMETER 1010.5	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 346 58 W	MOJR 13.9	AREA 05	CLOUD T/A 7/8	CL/TA	WEATHER X2	ORIG A2 057	1 SQUARE 76

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
12.9	STO	30333	12.44	32.31	24.21	00.000	1455.2							
	DBS	00000	12.44	32.010	24.21		1455.2							
	STO	30010	10.59	32.26	24.74	30.035	1489.2							
	STO	03020	08.34	32.55	25.33	00.064	1481.4							
12.9	DBS	00024	07.33	32.682	25.57		1477.7							
	STO	00030	04.95	32.96	26.08	00.087	1468.7							
12.9	DBS	00044	01.34	33.424	26.78		1453.9							
	STO	00050	01.17	33.53	26.85	33.115	1453.4							
12.9	DBS	03068	01.03	33.680	27.01		1453.3							
	STO	00075	01.21	33.73	27.04	00.147	1454.2							
12.9	DBS	00089	01.53	33.836	27.10		1456.1							
	STO	00100	01.73	33.92	27.15	00.171	1457.2							
	STO	00125	02.14	34.09	27.25	00.193	1459.7							
12.9	DBS	00134	02.28	34.145	27.25		1460.5							
	STO	00150	02.46	34.26	27.35	00.213	1461.7							
12.9	DBS	00179		34.428										
	STO	00200	02.57	34.51	27.52	03.246	1465.1							
	STO	03253	03.36	34.67	27.61	00.273	1467.8							
12.9	DBS	03273	03.45	34.715	27.63		1466.8							
	STO	00300	03.62	34.76	27.66	00.298	1469.9							
12.9	DBS	00360	03.86	34.840	27.70		1472.0							
	STO	00400	04.04	34.87	27.70	00.344	1473.4							
12.9	DBS	00455	04.18	34.901	27.71		1475.0							
	STO	00500	04.18	34.91	27.72	00.387	1475.7							
12.9	DBS	00550	04.16	34.918	27.73		1476.5							
	STO	00600	04.38	34.92	27.73	00.431	1477.0							
	STO	00700	03.94	34.91	27.74	00.474	1478.1							
12.9	DBS	033748	03.89	34.909	27.75		1478.4							
	STO	00800	03.84	34.91	27.76	00.517	1479.3							
12.9	DBS	00823	03.82	34.916	27.76		1479.6							

TABLE VIII. Observed oceanographic data occupied by USCGC INGHAM (A2-57)
9-16 August 1973.—Continued

HDDC STATION DATA

REFID 31 2242 YE44 1973 BOTDP 01042 AIR TEMP 13.0 DIR HGT PER WIND-DIR 07 INST NANSEN CAST TEN SQ 1306
CONSEC 0006 MONTH 08 SHIP IN WET BULB 11.8 07 3 3 WIND-SPD 15 TRACE DIR 5 SQUARE 4
LAT 47 00 N DAY 14 DATA USE 1 BAROMETR 1010.9 SEA WIND-FDR DURATION 2 SQUARE 66
LONG 040 46 W HOUR 17.3 AREA 05 CLOUD T/A 4/8 CL/TR WEATHER X2 ORIG A2 057 1 SQUARE 76

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	DTYG	PD4	TOT P	NO2	NO3	SIO3	PH
17.3	STD	00000	12.58	32.44	24.52	00.000	1490.3							
	D85	00000	12.58	32.441	24.52		1490.3							
	STD	00010	11.82	32.57	24.76	00.035	1493.9							
	STD	00020	10.03	32.73	25.20	00.063	1487.9							
17.3	D85	00027	08.18	32.867	25.60		1481.3							
	STD	00030	06.46	32.95	25.60	00.088	1474.7							
17.3	D85	00048	- 0.37	33.375	26.83		1446.1							
	STD	00050	- 0.32	33.41	26.86	00.121	1446.4							
17.3	D85	00074	00.22	33.701	27.07		1449.7							
	STD	00075	00.24	33.71	27.07	00.148	1449.8							
17.3	D85	00095	00.64	33.651	27.17		1452.2							
	STD	00100	00.83	33.89	27.18	00.172	1455.2							
	STD	00125	01.76	34.07	27.27	00.193	1458.0							
17.3	D85	00142	02.35	34.165	27.32		1461.0							
	STD	00150	02.66	34.27	27.35	00.213	1462.6							
17.3	D85	T00189	03.84	34.552	27.47		1468.7							
	STD	00200	03.93	34.55	27.49	00.247	1469.2							
	STD	00250	04.12	34.72	27.57	00.276	1471.1							
17.3	D85	00283	04.24	34.782	27.61		1472.2							
	STD	00300	04.31	34.81	27.62	00.305	1472.6							
17.3	D85	T00378	04.46	34.883	27.67		1474.9							
	STD	00400	04.42	34.85	27.67	00.352	1475.1							
17.3	D85	00479	04.30	34.904	27.70		1475.9							
	STD	00500	04.28	34.91	27.71	00.358	1476.2							
17.3	D85	00580	04.21	34.923	27.72		1477.2							
	STD	00600	04.19	34.92	27.73	00.443	1477.4							
	STD	00700	04.06	34.91	27.73	00.487	1478.5							
	STD	00800	03.90	34.90	27.74	00.531	1479.5							
17.3	D85	00804	03.65	34.902	27.74		1479.6							

REFID 31 2242 YE44 1973 BOTDP 00511 AIR TEMP 13.0 DIR HGT PER WIND-DIR 05 INST NANSEN CAST TEN SQ 1306
CONSEC 0007 MONTH 08 SHIP IN WET BULB 12.0 06 3 3 WIND-SPD 25 TRACE DIR 5 SQUARE 4
LAT 47 00 N DAY 14 DATA USE 1 BAROMETR 1011.5 SEA WIND-FDR DURATION 2 SQUARE 66
LONG 040 31 W HOUR 19.5 AREA 05 CLOUD T/A 4/8 CL/TR WEATHER X2 ORIG A2 057 1 SQUARE 76

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	DTYG	PD4	TOT P	NO2	NO3	SIO3	PH
19.5	STD	00000	12.56	32.48	24.55	00.000	1490.2							
	D85	00000	12.56	32.481	24.55		1490.2							
	STD	00010	08.53	32.85	25.52	00.029	1482.3							
	STD	00020	05.31	33.12	26.17	00.051	1470.1							
19.5	D85	00028	03.30	33.298	26.52		1462.0							
	STD	00050	02.95	33.32	26.58	00.068	1460.6							
	STD	00050	00.52	33.56	26.94	00.094	1450.5							
19.5	D85	00053	00.33	33.56	26.98		1449.7							
	STD	00075	00.59	33.80	27.15	00.119	1451.6							
19.5	D85	00082	00.83	33.868	27.17		1452.8							
	STD	00100	01.95	34.07	27.25	00.142	1458.4							
19.5	D85	00108	02.35	34.147	27.28		1460.4							
	STD	00125	02.71	34.25	27.33	00.162	1462.4							
	STD	00150	03.13	34.37	27.39	00.180	1464.8							
19.5	D85	00164	03.31	34.427	27.42		1465.9							
	STD	00200	03.52	34.53	27.48	00.213	1467.5							
19.5	D85	T00222	03.63	34.581	27.51		1468.4							
	STD	00250	03.73	34.65	27.56	00.243	1469.3							
	STD	00300	03.89	34.75	27.62	00.270	1471.0							
19.5	D85	00342	04.03	34.818	27.66		1472.4							
	STD	00400	04.21	34.89	27.70	00.318	1474.2							
19.5	D85	T00460	04.40	34.936	27.71		1476.0							

REFID 31 2242 YE44 1973 BOTDP 00254 AIR TEMP 13.0 DIR HGT PER WIND-DIR 05 INST NANSEN CAST TEN SQ 1306
CONSEC 0008 MONTH 08 SHIP IN WET BULB 13.0 06 3 2 WIND-SPD 15 TRACE DIR 5 SQUARE 4
LAT 47 00 N DAY 14 DATA USE 1 BAROMETR 1012.5 SEA WIND-FDR DURATION 2 SQUARE 66
LONG 040 12 W HOUR 21.9 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X6 ORIG A2 057 1 SQUARE 76

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	DTYG	PD4	TOT P	NO2	NO3	SIO3	PH
21.9	STD	00000	12.88	32.44	24.46	00.000	1497.3							
	D85	00000	12.88	32.439	24.46		1497.3							
	STD	00010	10.54	32.70	25.09	00.032	1489.6							
	STD	00020	08.33	32.93	25.63	00.058	1481.8							
	STD	00050	06.25	33.15	26.08	00.080	1474.1							
21.9	D85	00051	06.05	33.168	26.12		1473.4							
	STD	00050	01.98	33.50	26.80	00.112	1450.9							
21.9	D85	00054	00.94	33.641	26.98		1452.6							
	STD	00075	01.34	33.87	27.14	00.139	1455.0							
21.9	D85	00090	01.72	34.038	27.24		1457.2							
	STD	00100	01.98	34.11	27.26	00.161	1458.6							
21.9	D85	00116	02.41	34.223	27.34		1460.9							
	STD	00125	02.54	34.27	27.36	00.180	1461.7							
	STD	00150	02.98	34.41	27.43	00.198	1464.2							
21.9	D85	00177	03.40	34.537	27.50		1466.6							
	STD	00200	03.72	34.63	27.54	00.229	1468.5							
21.9	D85	T00223	04.01	34.714	27.58		1470.2							

TABLE VIII. Observed oceanographic data occupied by USCGC INGHAM (A2-57)
9-16 August 1973.—Continued

W Q C S T 6 T I D M D A T A

REFID 31 2242 YEAR 1973 BOTOP 00253 AIR TEMP 13.3 DIR MGT PER WIND-DIR 06 INST NANSEN CAST TEN SD 1306
CONSEC 0009 MONTH 08 SHIP IN WET BULB 12.4 08 3 2 WIND-SPD 23 TRACE DIR 5 SQUARE 4
LAT 47 03 N DAY 15 DATA USE 1 BAROMETER 1012.3 SEA WIND-FDR DURATION 2 SQUARE 64
LONG 045 55 W HOUR 01.1 AREA 05 CLOUD T/4 6/8 CL/TR WEATHER X6 ORIG A2 057 DAIG 1 SQUARE 15

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	P04	TOT P	NO2	NO3	S103	PH
01.1	STD	00000	12.29	32.55	24.50	00.000	1495.1							
	DBS	00000	12.29	32.349	24.50		1495.1							
	STD	00010	10.17	32.58	25.06	00.032	1488.1							
	STD	00020	08.14	32.81	25.56	00.059	1480.9							
	STD	00030	06.18	33.02	25.99	00.081	1473.7							
01.1	DBS	00031	05.99	33.346	26.03		1473.0							
	STD	00050	01.98	33.44	26.75	00.114	1456.8							
	DBS	00055	03.96	33.603	26.95		1452.7							
	STD	00075	01.43	32.86	27.13	00.142	1455.4							
01.1	DBS	00080	01.82	34.046	27.24		1457.6							
	STD	00100	02.04	34.11	27.28	00.164	1458.9							
01.1	DBS	00118	02.43	34.223	27.34		1460.9							
	STD	00125	02.53	34.26	27.36	00.184	1461.6							
	STD	00150	02.95	34.39	27.42	00.201	1464.0							
01.1	DBS	00177	03.31	34.507	27.48		1466.2							
	STD	00200	03.50	34.57	27.52	00.233	1467.5							
01.1	DBS	T00236	03.81	34.655	27.58		1469.6							
	STD	00250	03.91	34.74	27.61	00.261	1470.2							
01.1	DBS	T00269	04.06	34.604	27.65		1471.3							

REFID 31 2242 YEAR 1973 BOTOP 00260 AIR TEMP 13.3 DIR MGT PER WIND-DIR 05 INST NANSEN CAST TEN SD 1306
CONSEC 0010 MONTH 08 SHIP IN WET BULB 12.4 08 3 3 WIND-SPD 15 TRACE DIR 5 SQUARE 4
LAT 47 21 N DAY 15 DATA USE 1 BAROMETER 1012.3 SEA WIND-FDR DURATION 2 SQUARE 64
LONG 045 47 W HOUR 03.4 AREA 05 CLOUD T/4 3/4 CL/TR WEATHER R1 ORIG A2 057 DAIG 1 SQUARE 15

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	P04	TOT P	NO2	NO3	S103	PH
03.4	STD	00000	12.36	32.34	24.48	00.000	1495.4							
	DBS	00000	12.36	32.336	24.48		1495.4							
	STD	00010	10.14	32.68	25.14	00.032	1488.1							
	STD	00020	07.87	32.96	25.71	00.057	1480.1							
03.4	DBS	00028	06.03	33.142	26.10		1473.2							
	STD	00030	05.33	33.17	26.21	00.078	1470.4							
	STD	00050	00.58	33.45	26.84	00.108	1450.6							
03.4	DBS	00052	00.34	33.476	26.88		1449.6							
	STD	00075	01.25	33.83	27.11	00.135	1454.5							
03.4	DBS	00081	01.50	33.917	27.16		1455.9							
	STD	00100	02.39	34.20	27.32	00.157	1460.5							
03.4	DBS	00104	02.54	34.248	27.35		1461.3							
	STD	00125	02.83	34.36	27.41	00.175	1463.1							
	STD	00150	03.14	34.47	27.47	00.192	1465.0							
03.4	DBS	00157	03.22	34.502	27.49		1465.5							
	STD	00200	03.62	34.66	27.57	00.221	1468.1							
03.4	DBS	T00205	03.69	34.664	27.59		1468.6							
	STD	00250	03.93	34.78	27.64	00.246	1470.4							
03.4	DBS	T00266	04.00	34.812	27.66		1471.0							

REFID 31 2242 YEAR 1973 BOTOP 00333 AIR TEMP 12.6 DIR MGT PER WIND-DIR 05 INST NANSEN CAST TEN SD 1306
CONSEC 0011 MONTH 08 SHIP IN WET BULB 11.5 05 3 3 WIND-SPD 21 TRACE DIR 5 SQUARE 4
LAT 47 38 N DAY 15 DATA USE 1 BAROMETER 1013.8 SEA WIND-FDR DURATION 2 SQUARE 64
LONG 045 51 W HOUR 05.8 AREA 05 CLOUD T/4 3/8 CL/TR WEATHER R2 ORIG A2 057 DAIG 1 SQUARE 15

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	P04	TOT P	NO2	NO3	S103	PH
05.8	STD	00000	12.00	32.51	24.52	00.000	1494.1							
	DBS	00000	12.00	32.311	24.52		1494.1							
	STD	00010	09.18	32.61	25.24	00.031	1484.4							
	STD	00020	06.63	32.86	25.81	00.056	1475.0							
	STD	00030	04.27	33.08	26.25	00.075	1465.9							
05.8	DBS	00033	03.62	33.136	26.36		1463.3							
	STD	00050	- 3.03	33.38	26.82	00.106	1447.7							
05.8	DBS	00061	- 1.38	33.506	26.98		1441.8							
	STD	00075	- 1.11	33.63	27.07	00.133	1443.5							
05.8	DBS	00064	- 0.68	33.785	27.18		1446.3							
	STD	00100	- 0.55	33.82	27.20	00.157	1446.8							
05.8	DBS	00122	02.09	33.967	27.29		1450.3							
	STD	00125	00.31	34.00	27.31	00.177	1451.4							
	STD	00150	01.87	34.25	27.41	00.196	1459.1							
05.8	DBS	00184	03.22	34.500	27.49		1465.9							
	STD	00200	03.24	34.54	27.52	00.228	1466.3							
05.8	DBS	T00245	03.44	34.652	27.59		1468.1							
	STD	00250	03.48	34.67	27.59	00.256	1468.3							
	STD	00300	03.97	34.81	27.66	00.281	1471.4							
05.8	DBS	00314	04.16	34.848	27.67		1472.5							

TABLE IX. Observed oceanographic data occupied by USCGC MENDOTA (A1-10)
10-16 August 1973.

NOOC STATION DATA

REFID 31 8345	YEAR 1973	SDTDP 02584	AIR TEMP 08.2	DIR HGT PER	WIND-DIR 17	INST STO RECORDER	TEN SO 1407
CONSEC 0001	MONTH 08	SHIP ME	WET BULB 07.9	18 6 2	WIND-SPO 20	TRACE DIR 0	5 SQUARE 3
LAT 35 10 N	DAY 07	DATA USE 1	BAROMETR 0599.0	SEA	WIND-FOR	DURATION 01.1	2 SQUARE 42
LONG 052 40 W	MOU 20.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A1 010	1 SQUARE 52

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
20.9	STO	00000	07.51	33.68	26.33	00.000	1479.3							
	DBS	00000	07.51	33.678	26.33		1479.3							
	STO	00010	03.57											
	DBS	00010	03.57											
	STO	00020	01.33											
	DBS	00020	01.33											
	STO	00030	01.16											
	DBS	00030	01.16											
	STO	00050	01.55											
	DBS	00050	01.55											
	STO	00075	02.58											
	DBS	00075	02.58											
	STO	00100	03.12											
	DBS	00100	03.12											
	STO	00125	03.71											
	DBS	00125	03.71											
	STO	00150	04.11											
	DBS	00150	04.11											
	STO	00200	04.10											
	DBS	00200	04.10											
	STO	00250	04.11											
	DBS	00250	04.11											
	STO	00300	04.11											
	DBS	00300	04.11											
	STO	00400	04.00											
	DBS	00400	04.00											
	STO	00500	03.60											
	DBS	00500	03.60											
	STO	00600	03.78											
	DBS	00600	03.78											
	STO	00700	03.73											
	DBS	00700	03.73											
	STO	00800	03.61											
	DBS	00800	03.61											
	STO	00900	03.55											
	DBS	00900	03.55											
	STO	01000	03.51											
	DBS	01000	03.51											
	STO	01100	03.51											
	DBS	01100	03.51											
	STO	01200	03.51											
	DBS	01200	03.51											
	STO	01300	03.52											
	DBS	01300	03.52											
	STO	01400	03.60											
	DBS	01400	03.60											
	STO	01500	03.57	34.85	27.76	01.632	1489.8							
	DBS	01500	03.57	34.880	27.76		1489.8							

TABLE IX. Observed oceanographic data occupied by USCGC MENDOTA (A1-10)
10-16 August 1973.—Continued

MOO C S T A T I O N O A T A

REFID 31 8343	YEAR 1973	BOTDP 02381	AIR IEMP 06.8	DIR HGT PER	WIND-DIR 17	INST STO RECORDER	TEN SQ 1407
CONSEC 0002	MONTH 09	SHIP ME	WET BULB 08.5	18 3 2	WIND-SPD 17	TRACE DIR 0	5 SQUARE 3
LAT 55 07 N	DAY 08	DATA USE 1	BAROMETR 0998.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 42
LONG 053 08 W	MOQR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A1 010	1 SQUARE 53

CASSTNUM/IME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
01.5	STD	00000	07.12	33.81	26.49	00.000	1478.0							
	OBS	00000	07.12	33.809	26.49		1478.0							
	STD	00010	03.52											
	OBS	00010	03.52											
	STD	00020	02.20											
	OBS	00020	02.20											
	STD	00030	01.79											
	OBS	00030	01.79											
	STD	00035	01.55											
	OBS	00035	01.55											
	STD	00050	01.73											
	OBS	00050	01.73											
	STD	00075	02.69											
	OBS	00075	02.69											
	STD	00100	03.14											
	OBS	00100	03.14											
	STD	00125	03.87											
	OBS	00125	03.87											
	STD	00150	04.03											
	OBS	00150	04.03											
	STD	00200	04.18											
	OBS	00200	04.18											
	STD	00250	04.20											
	OBS	00250	04.20											
	STD	00300	04.18											
	OBS	00300	04.18											
	STD	00400	04.05											
	OBS	00400	04.05											
	STD	00500	03.94											
	OBS	00500	03.94											
	STD	00600	03.82											
	OBS	00600	03.82											
	STD	00700	03.71											
	OBS	00700	03.71											
	STD	00800	03.69											
	OBS	00800	03.69											
	STD	00900	03.63											
	OBS	00900	03.63											
	STD	01000	03.55											
	OBS	01000	03.55											
	STD	01100	03.51											
	OBS	01100	03.51											
	STD	01200	03.47											
	OBS	01200	03.47											
	STD	01300	03.57											
	OBS	01300	03.57											
	STD	01400	03.59											
	OBS	01400	03.59											
	STD	01500	03.54	34.94	27.81	01.485	1489.8							
	OBS	01500	03.54	34.935	27.81		1489.8							

TABLE IX. Observed oceanographic data occupied by USCGC MENDOTA (A1-10)
10-16 August 1973.—Continued

MOOC STATION DATA

REF ID 31 8345	YEAR 1973	BOTOP 01657	AIR TEMP 08.3	DIR HGT PER	WIND-DIR 17	INST STO RECORDER	TEN SD 1407
CONSEC 0003	MONTH 08	SHIP ME	WET BULB 07.5	10 3 2	WIND-SPO 18	TRACE DIR 0	5 SQUARE 1
LAT 54 58 N	GAY 06	DATA USE 1	BAROMETR 0998.1	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 42
LONG 053 21.5W	MOJA 04.2	AREA 05	CLOUD T/A	CL/TA	WEATHER R4	ORIG ^c A1 010	1 SQUARE 43

CASHTIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	CYMOPTH	SNO VEL	OXYG	PO4	TCT	P _T	NO2	NO3	SIO3	PH
04.2	STD	00000	05.83	33.67	26.55	00.000	1472.6								
	OBS	00000	05.83	33.871	26.55		1472.6								
	STD	00010	05.64												
	OBS	00010	05.64												
	STD	00020	03.35												
	OBS	00020	03.35												
	STD	00030	02.13												
	OBS	00030	02.13												
	STD	00050	02.00												
	OBS	00050	02.00												
	STD	00075	02.04												
	OBS	00075	02.04												
	STD	00100	02.94												
	OBS	00100	02.94												
	STD	00125	03.53												
	OBS	00125	03.53												
	STD	00150	03.91												
	OBS	00150	03.91												
	STD	00200	04.21												
	OBS	00200	04.21												
	STD	00250	04.29												
	OBS	00250	04.29												
	STD	00300	04.19												
	OBS	00300	04.19												
	STD	00400	04.07												
	OBS	00400	04.07												
	STD	00500	03.97												
	OBS	00500	03.97												
	STD	00600	03.84												
	OBS	00600	03.84												
	STD	00700	03.76												
	OBS	00700	03.76												
	STD	00800	03.72												
	OBS	00800	03.72												
	STD	00900	03.62												
	OBS	00900	03.62												
	STD	01000	03.61												
	OBS	01000	03.61												
	STD	01100	03.57												
	OBS	01100	03.57												
	STD	01200	03.59												
	OBS	01200	03.59												
	STD	01300	03.58												
	OBS	01300	03.58												
	STD	01400	03.58												
	OBS	01400	03.58												
	STD	01500	03.60	34.52	27.79	01.462	1490.0								
	OBS	01500	03.60	34.920	27.79		1490.0								

TABLE IX. Observed oceanographic data occupied by USCGC MENDOTA (A1-10)
10-16 August 1973.—Continued

NOOC STATION DATA

REFID 31 8343	YEAR 1973	BOTDP 00876	AIR TEMP 06.8	DIR MGT PER 18 4 2	WIND-DIR 15	INST STO RECORDER	TEN SQ 1407
CONSEC 0004	MONTH 09	SHIP ME	MET BULB 06.7	SEA 18 4 2	WIND-SPD 25	TRACE DIR 0	5 SQUARE 1
LAT 54 55.5N	DAY 08	DATA USE 1	BAROMETER 0995.0	CL/TR	WIND-FOR	DURATION 00.7	2 SQUARE 42
LONG 053 38	MOJA 06.6	AREA 05	CLOUD T/A		WEATHER X4	ORIG A1 010	1 SQUARE 43

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	P04	TOT P	N02	N03	S103	PH
08.4	STD	00000	06.07	33.68	26.53	00.000	1475.6							
	085	00000	06.07	33.683	26.53		1473.6							
	STD	00010	06.08											
	085	00010	06.08											
	STD	00020	06.06											
	085	00020	06.06											
	STD	00030	05.23											
	085	00030	05.23											
	STD	00050	01.58											
	085	00050	01.58											
	085	00065	01.22											
	STD	00075	02.40											
	085	00075	02.40											
	085	00090	02.42											
	STD	00100	00.72											
	085	00100	00.72											
	STD	00125	01.50											
	085	00125	01.50											
	STD	00150	02.98											
	085	00150	02.98											
	STD	00200	03.96											
	085	00200	03.96											
	STD	00250	04.10											
	085	00250	04.10											
	STD	00300	04.18											
	085	00300	04.18											
	085	00340	04.29											
	STD	00400	04.24											
	085	00400	04.24											
	STD	00500	04.08											
	085	00500	04.08											
	STD	00600	03.98											
	085	00600	03.98											
	STD	00700	03.94											
	085	00700	03.94											
	STD	00800	03.91											
	085	00800	03.91											
	085	00840	03.88	34.892	27.73		1480.1							

REFID 31 8343	YEAR 1973	BOTDP 00520	AIR TEMP 05.2	DIR MGT PER 18 3 3	WIND-DIR 18	INST HANSEN CAST	TEN SQ 1407
CONSEC 0005	MONTH 09	SHIP ME	MET BULB 04.8	SEA 18 3 3	WIND-SPD 16	TRACE DIR	5 SQUARE 1
LAT 54 44.5N	DAY 08	DATA USE 1	BAROMETER 0994.4	CL/TR	WIND-FOR	DURATION	2 SQUARE 42
LONG 053 48.5	MOJA 10.2	AREA 05	CLOUD T/A X/9		WEATHER X4	ORIG A1 010	1 SQUARE 43

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	P04	TOT P	N02	N03	S103	PH
10.2	STD	00000	02.40	32.59	25.87	00.000	1456.4							
	085	00000	02.40	32.388	25.87		1456.4							
	STD	00010	02.12	32.43	25.93	00.021	1453.4							
	085	00010	02.12	32.52	26.04	00.041	1453.2							
	STD	00020	01.55	32.52	26.04	00.041	1453.2							
	085	00024	01.24	32.576	26.11		1452.0							
	STD	00030	00.38	32.72	26.27	00.060	1448.3							
	085	00044	- 1.01	32.672	26.53		1442.5							
	STD	00050	- 1.13	33.02	26.56	00.092	1442.1							
	085	00064	- 1.35	33.136	26.68		1441.5							
	STD	00075	- 1.33	33.16	26.69	00.128	1441.6							
	085	00085	- 1.30	33.208	26.73		1442.2							
	STD	00100	- 1.28	33.24	26.76	00.161	1442.5							
	085	00125	- 1.25	33.36	26.65	00.197	1443.3							
	STD	00136	- 1.23	33.427	26.61		1443.6							
	085	00150	- 0.95	33.55	27.00	00.220	1445.5							
	STD	00184	00.21	33.867	27.21		1450.8							
	085	00200	00.55	34.02	27.30	00.266	1453.8							
	STD	00250	02.67	34.46	27.52	00.300	1464.6							
	085	00252	02.77	34.502	27.53		1465.1							

TABLE IX. Observed oceanographic data occupied by USCGC MENDOTA (A1-10)
10-16 August 1973.—Continued

NOOC STATION DATA

REFID 31 8343	YEAR 1973	BOTOP 00205	AIR TEMP 08.3	DIR MGT PER	WIND-DIR 16	INST NANSEN CAST	TEN SQ 1407
CONSEC 0006	MOYTH 09	SHIP ME	WET BULB 07.0	19 3 2	WIND-SPD 17	TRACE DIR	5 SQUARE 1
LAT 54 26 N	DAY 08	DATA USE 1	BAROMETR 0994.4	SEA	WIND-FOR	DURATION	2 SQUARE 44
LONG 054 22.50	MOUR 14.4	AREA 05	CLOUD T/A 3/1	CL/TR	WEATHER X1	ORIG: A1 010	1 SQUARE 44

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PM
	STD	00000	04.17	32.21	25.57	00.000	1465.8							
14.4	085	00030	04.17	32.208	25.57		1463.8							
	STD	00010	02.70	32.39	25.05	00.023	1457.5							
	STD	00020	01.44	32.56	26.08	00.043	1452.7							
14.4	085	00029	03.47	32.702	26.25		1446.7							
	STD	00030	03.37	32.72	26.27	00.062	1448.3							
	STD	00050	- 1.17	33.01	26.57	00.094	1441.9							
14.4	085	00054	- 1.35	33.051	26.61		1441.2							
	STD	00075	- 1.42	33.19	26.72	00.129	1441.4							
14.4	085	00083	- 1.44	33.240	26.76		1441.5							
	STD	00100	- 1.50	33.52	26.83	00.161	1441.6							
14.4	085	00108	- 1.50	33.354	26.86		1441.6							
	STD	00125	- 1.44	33.42	26.91	00.191	1442.5							
	STD	00150	- 1.21	33.51	26.98	00.218	1444.1							
14.4	085	00151	- 1.20	33.516	26.98		1444.2							

REFID 31 8343	YEAR 1973	BOTOP 00181	AIR TEMP 05.0	DIR MGT PER	WIND-DIR 19	INST NANSEN CAST	TEN SQ 1407
CONSEC 0007	MOYTH 09	SHIP ME	WET BULB 07.4	15 3 5	WIND-SPD 14	TRACE DIR	5 SQUARE 1
LAT 54 18 N	DAY 08	DATA USE 1	BAROMETR 0994.6	SEA	WIND-FOR	DURATION	2 SQUARE 44
LONG 054 43.50	MOUR 16.0	AREA 05	CLOUD T/A 3/6	CL/TR	WEATHER X1	ORIG: A1 010	1 SQUARE 44

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PM
	STD	00000	04.80	32.14	25.46	00.000	1466.4							
16.0	085	00030	04.80	32.142	25.46		1466.4							
	STD	00010	04.22	32.20	25.56	00.025	1464.2							
	STD	00020	03.44	32.30	25.72	00.048	1461.2							
	STD	00030	02.48	32.44	25.91	00.070	1457.4							
16.0	085	00032	01.27	32.470	25.55		1456.5							
	STD	00050	- 0.52	32.52	26.47	00.107	1444.8							
16.0	085	00059	- 1.36	33.070	26.62		1441.3							
	STD	00075	- 1.36	33.17	26.70	00.144	1441.7							
16.0	085	00091	- 1.36	33.256	26.77		1442.0							
	STD	00100	- 1.41	33.50	26.81	00.176	1442.0							
16.0	085	00118	- 1.42	33.395	26.89		1442.4							
	STD	00125	- 1.39	33.43	26.91	00.206	1442.7							
16.0	085	00141	- 1.26	33.457	26.57		1443.7							

REFID 31 8343	YEAR 1973	BOTOP 00172	AIR TEMP 07.1	DIR MGT PER	WIND-DIR 18	INST NANSEN CAST	TEN SQ 1407
CONSEC 0008	MOYTH 09	SHIP ME	WET BULB 06.0	24 2 2	WIND-SPD 11	TRACE DIR	5 SQUARE 1
LAT 54 11 N	DAY 08	DATA USE 1	BAROMETR 0995.1	SEA	WIND-FOR	DURATION	2 SQUARE 44
LONG 054 58.50	MOUR 17.5	AREA 05	CLOUD T/A 3/6	CL/TR	WEATHER X1	ORIG: A1 010	1 SQUARE 44

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PM
	STD	00000	03.82	32.28	25.67	00.000	1462.4							
17.5	085	00030	03.82	32.279	25.67		1462.4							
	STD	00010	01.66	32.56	26.07	00.021	1453.6							
	STD	00020	00.04	32.78	26.54	00.040	1446.7							
17.5	085	00025	- 0.56	32.641	26.51		1442.5							
	STD	00030	- 0.95	32.95	26.51	00.056	1442.3							
	STD	00050	- 1.44	33.12	26.67	00.085	1440.8							
17.5	085	00053	- 1.48	33.143	26.68		1440.7							
	STD	00075	- 1.52	33.27	26.75	00.118	1441.1							
17.5	085	00082	- 1.53	33.305	26.82		1441.2							
	STD	00100	- 1.35	33.37	26.67	00.148	1442.2							
17.5	085	00106	- 1.35	33.398	26.89		1442.5							
	STD	00125	- 1.24	33.48	26.95	00.177	1443.5							
17.5	085	00144	- 1.17	33.575	27.03		1444.3							

TABLE IX. Observed oceanographic data occupied by USCGC MENDOTA (A1-10)
10-16 August 1973.—Continued

N O C S T A T I O N D A T A

REFID 31 8343	YEAR 1973	BOTOP 00154	AIR TEMP 07.5	OIR MGT PEA	WIND-OIR 20	INST HANSEN CAST	TEN SQ 1407
CONSEC 0039	MONTH 05	SHIP ME	WET BULB 06.3	49 2 X	WIND-SPD 03	TRACE DIR	5 SQUARE 2
LAT 34 03 N	DAY 08	DATA USE 1	BAROMETR 0596.0	SEA	WIND-FDA	DURATION	2 SQUARE 44
LONG 055 12 W	MOUR 18.5	AREA 05	CLOUD T/A 6/7	CL/TA	WEATHER X1	ORIG A1 010	1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	05.20	31.93	25.25	00.000	1467.7							
18.5	OBS	00000	05.20	31.530	25.25		1467.7							
	STD	00010	04.46	32.09	25.45	00.026	1465.2							
	STD	00020	03.47	32.26	25.49	00.051	1461.2							
18.5	OBS	00025	02.85	32.360	25.82		1458.8							
	STD	00030	01.71	32.50	26.01	00.072	1454.0							
18.9	OBS	00049	- 1.18	32.889	26.47		1441.7							
	STD	00050	- 1.20	32.50	26.48	00.108	1441.6							
18.9	OBS	00074	- 1.45	33.070	26.62		1441.1							
	STD	00075	- 1.45	33.08	26.63	00.145	1441.1							
18.5	OBS	00095	- 1.40	33.242	26.76		1442.0							
	STD	00100	- 1.40	33.25	26.77	00.175	1442.0							
	STD	00125	- 1.47	33.37	26.87	00.210	1442.2							
18.5	OBS	00135	- 1.52	33.400	26.89		1442.2							

REFID 31 8343	YEAR 1973	BOTOP 00137	AIR TEMP 06.5	OIR MGT PER	WIND-OIR 11	INST HANSEN CAST	TEN SQ 1407
CONSEC 0010	MONTH 05	SHIP ME	WET BULB 07.5	49 2 A	WIND-SPD 02	TRACE DIR	5 SQUARE 2
LAT 33 54 N	DAY 08	DATA USE 1	BAROMETR 0556.7	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 055 13 W	MOUR 20.5	AREA 05	CLOUD T/A 6/7	CL/TA	WEATHER X1	ORIG A1 010	1 SQUARE 33

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	05.53	31.85	25.17	00.000	1465.1							
20.5	OBS	00000	05.53	31.886	25.17		1465.1							
	STD	00010	05.04	32.00	25.32	00.027	1467.3							
	STD	00020	04.04	32.15	25.57	00.053	1463.6							
20.3	OBS	00024	03.50	32.276	25.69		1461.5							
	STD	00030	01.83	32.52	26.02	00.075	1454.6							
20.3	OBS	00048	- 1.37	33.045	26.60		1447.0							
	STD	00050	- 1.38	33.06	26.62	00.105	1441.0							
20.5	OBS	00072	- 1.45	33.244	26.77		1441.3							
	STD	00075	- 1.45	33.28	26.78	00.143	1441.4							
20.5	OBS	00096	- 1.46	33.386	26.88		1441.8							
	STD	00100	- 1.43	33.41	26.90	00.173	1442.1							
20.5	OBS	00111	- 1.30	33.492	26.96		1443.0							

REFID 31 8343	YEAR 1973	BOTOP 00188	AIR TEMP 09.6	OIR MGT PER	WIND-OIR 15	INST HANSEN CAST	TEN SQ 1407
CONSEC 0011	MONTH 05	SHIP ME	WET BULB 08.0	13 2 3	WIND-SPD 08	TRACE DIR	5 SQUARE 2
LAT 33 48 N	DAY 08	DATA USE 1	BAROMETR 0597.2	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 055 40 W	MOUR 22.0	AREA 05	CLOUD T/A 6/7	CL/TA	WEATHER X1	ORIG A1 010	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	06.62	31.68	24.88	00.000	1473.2							
22.0	OBS	00000	06.62	31.678	24.88		1473.2							
	STD	00010	03.72	31.95	25.45	00.028	1461.8							
	STD	00020	01.55	32.25	25.83	00.052	1452.8							
22.0	OBS	00024	00.85	32.335	25.94		1450.1							
	STD	00030	00.42	32.44	26.04	00.072	1446.2							
22.0	OBS	00046	- 0.60	32.662	26.27		1444.1							
	STD	00050	- 0.64	32.88	26.28	00.110	1443.5							
22.0	OBS	00073	- 1.05	32.795	26.39		1442.6							
	STD	00075	- 1.07	32.80	26.39	00.152	1442.5							
22.0	OBS	00087	- 1.27	32.854	26.45		1442.0							
	STD	00100	- 1.29	32.87	26.46	00.192	1442.0							
	STD	00125	- 1.40	33.08	26.63	00.225	1442.2							
22.0	OBS	00145	- 1.42	33.347	26.85		1442.8							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.

NOOD STATION DATA

REFIL 31 #352	YEAR 1973	#OTDP 04046	AIR TEMP 09.4	DIR FCT PER	WIND-DIA 26	INST STO RECORDED	TEN SW 1506
CONSEC 3001	MONTH 11	SHIP DG	WET BULB 07.8	26 3 2	WIND-SPD 03	TRACE C1A	5 SQUARE 1
LAT 43 38 N	DAY 29	DATA USE 1	BAROMETR 1022.7	SEA	WIND-FOR	QUANTICA	2 SQUARE 22
LONG 043 44 W	MOOR 19.3	AREA 03	CLCUO T/A	CL/TR	WEATHER A1	ORIG A3 G6201	1 SQUARE 33

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OAYC	P04	TCT P	AC2	N03	S103	PH
19.3	STO	00000	18.31	35.93	25.92	00.000	1518.5							
	DBS	00000	18.31	35.93	25.92		1518.5							
	STO	00010	18.31	35.93	25.92	00.021	1518.7							
	DBS	00010	18.31	35.93	25.92		1518.7							
	STO	00020	18.31	35.93	25.92	00.042	1518.8							
	DBS	00020	18.31	35.93	25.92		1518.8							
	STO	00030	18.31	35.93	25.92	00.063	1519.0							
	DBS	00030	18.31	35.93	25.92		1519.0							
	STO	00040	18.31	35.96	25.93	00.103	1519.5							
	DBS	00040	18.31	35.96	25.93		1519.5							
	STO	00050	18.45	36.00	25.94		1520.1							
	DBS	00050	18.45	36.00	25.94		1520.1							
	STO	00075	18.52	36.45	26.06	00.156	1523.2							
	DBS	00075	18.52	36.45	26.06		1523.2							
	STO	00100	18.25	36.46	26.32	00.202	1523.6							
	DBS	00100	18.25	36.46	26.32		1523.6							
	STO	00125	17.61	36.43	26.41	00.243	1524.0							
	DBS	00125	17.61	36.43	26.41		1524.0							
	STO	00150	17.75	36.43	26.45	00.287	1515.9							
	DBS	00150	17.75	36.43	26.45		1515.9							
	STO	00200	17.09	36.32	26.52	00.368	1518.7							
	DBS	00200	17.09	36.32	26.52		1518.7							
	STO	00250	15.43	35.99	26.66	00.444	1514.1							
	DBS	00250	15.43	35.99	26.66		1514.1							
	STO	00273	15.04	35.99	26.71		1513.2							
	DBS	00273	15.04	35.99	26.71		1513.2							
	STO	00300	15.04	35.99	26.74	00.516	1513.7							
	DBS	00300	15.04	35.99	26.74		1513.7							
	STO	00400	13.16	35.65	26.88	00.651	1506.8							
	DBS	00400	13.16	35.65	26.88		1506.8							
	STO	00419	12.88	35.61	26.91		1508.1							
	DBS	00419	12.88	35.61	26.91		1508.1							
	STO	00435	13.02	35.73	26.97		1509.0							
	DBS	00435	13.02	35.73	26.97		1509.0							
	STO	00500	11.95	35.53	27.02	00.774	1506.3							
	DBS	00500	11.95	35.53	27.02		1506.3							
	STO	00530	10.72	35.33	27.10		1502.4							
	DBS	00530	10.72	35.33	27.10		1502.4							
	STO	00600	08.24	34.93	27.20	00.882	1493.6							
	DBS	00600	08.24	34.93	27.20		1493.6							
	STO	00610	08.15	34.92	27.21		1493.4							
	DBS	00610	08.15	34.92	27.21		1493.4							
	STO	00617	08.24	34.98	27.24		1494.0							
	DBS	00617	08.24	34.98	27.24		1494.0							
	STO	00638	07.13	34.89	27.33		1490.2							
	DBS	00638	07.13	34.89	27.33		1490.2							
	STO	00678	07.97	35.10	27.38		1494.1							
	DBS	00678	07.97	35.10	27.38		1494.1							
	STO	00700	07.91	35.10	27.35	00.973	1494.2							
	DBS	00700	07.91	35.10	27.35		1494.2							
	STO	00730	07.12	35.01	27.43		1491.9							
	DBS	00730	07.12	35.01	27.43		1491.9							
	STO	00800	05.82	34.92	27.53	01.048	1487.4							
	DBS	00800	05.82	34.92	27.53		1487.4							
	STO	00807	06.23	35.00	27.54		1489.3							
	DBS	00807	06.23	35.00	27.54		1489.3							
	STO	00818	05.67	35.01	27.59		1488.5							
	DBS	00818	05.67	35.01	27.59		1488.5							
	STO	00842	05.87	34.99	27.58		1488.4							
	DBS	00842	05.87	34.99	27.58		1488.4							
	STO	00853	06.05	35.05	27.61		1489.4							
	DBS	00853	06.05	35.05	27.61		1489.4							
	STO	00870	05.52	34.96	27.60		1487.4							
	DBS	00870	05.52	34.96	27.60		1487.4							
	STO	00930	05.67	35.04	27.65	01.110	1488.7							
	DBS	00930	05.67	35.04	27.65		1488.7							
	STO	00950	05.54	35.04	27.66		1489.0							
	DBS	00950	05.54	35.04	27.66		1489.0							
	STO	00954	05.31	35.01	27.67		1486.1							
	DBS	00954	05.31	35.01	27.67		1486.1							
	STO	00973	05.43	35.03	27.68		1486.4							
	DBS	00973	05.43	35.03	27.68		1486.4							
	STO	01000	05.20	35.02	27.69	01.165	1488.4							
	DBS	01000	05.20	35.02	27.69		1488.4							
	STO	01071	05.12	35.04	27.71		1486.3							
	DBS	01071	05.12	35.04	27.71		1486.3							
	STO	01100	04.90	35.02	27.72	01.218	1488.8							
	DBS	01100	04.90	35.02	27.72		1488.8							
	STO	01200	04.73	35.02	27.74	01.268	1489.0							
	DBS	01200	04.73	35.02	27.74		1489.0							
	STO	01303	04.40	34.99	27.76	01.317	1490.1							
	DBS	01303	04.40	34.99	27.76		1490.1							
	STO	01337	04.44	35.00	27.76		1490.0							
	DBS	01337	04.44	35.00	27.76		1490.0							
	STO	01400	04.32	34.98	27.76	01.366	1491.4							
	DBS	01400	04.32	34.98	27.76		1491.4							
	STO	01500	04.16	34.98	27.77	01.415	1492.6							
	DBS	01500	04.16	34.98	27.77		1492.6							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

MOO C STATION OATA

REFID 31 8331	YEAR 1973	BDTOP 04846	AIR TEMP 10.6	OIR MGT PER	WIND-UIR 19	INST STC RECORDER	TEN SW 1500
CONSEC 0202	MONTH 11	SHIP OC	WET BULB 08.9	02 4 4	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 43 45 N	DAY 29	DATA USE 1	BAROMETER 1022.7	SEA	WIND-FOR	CURATECA	2 SQUARE 24
LONG 344 26 W	MOUR 22.9	AREA 05	CLCUO T/A	CL/T/A	WEATHER A1	CRIG A3 06202	1 SQUARE 34

CASHTON/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYAOPIN	SNO VEL	OAYG	P04	TCT P	NO2	NO3	SIU3	PM
22.9	STO	00300	18.29	36.06	26.03	00.000	1518.6							
	OBS	00000	18.25	36.06	26.03		1518.6							
	STO	00010	18.30	36.05	26.02	00.026	1518.8							
	OBS	00010	18.30	36.05	26.02		1518.8							
	STO	00020	18.31	36.06	26.02	00.040	1519.0							
	OBS	00020	18.31	36.06	26.02		1519.0							
	STO	00030	18.31	36.06	26.02	00.060	1519.1							
	OBS	00030	18.31	36.06	26.02		1519.1							
	STO	00050	18.32	36.06	26.02	00.100	1519.3							
	OBS	00050	18.32	36.06	26.02		1519.3							
	STO	00075	18.33	36.07	26.03	00.151	1520.0							
	OBS	00075	18.33	36.07	26.03		1520.0							
	STO	00100	18.46	36.13	26.04	00.201	1520.8							
	OBS	00100	18.46	36.13	26.04		1520.8							
	STO	00112	18.62	36.45	26.24		1521.6							
	OBS	00125	18.26	36.41	26.30	00.246	1521.0							
	STO	00125	18.26	36.41	26.30		1521.0							
	OBS	00150	17.36	36.33	26.46	00.291	1516.7							
	STO	00150	17.36	36.33	26.46		1516.7							
	OBS	00200	17.09	36.39	26.58	00.370	1516.6							
	STO	00200	17.09	36.39	26.58		1516.6							
	OBS	00250	16.26	36.21	26.63	00.446	1516.5							
	STO	00250	16.26	36.21	26.63		1516.5							
	OBS	00300	15.68	36.10	26.66	00.515	1515.6							
	STO	00300	15.68	36.10	26.66		1515.6							
	OBS	00400	15.53	35.74	26.67	00.657	1510.1							
	STO	00400	15.53	35.74	26.67		1510.1							
	OBS	00432	15.72	35.61	26.64		1507.6							
	STO	00442	12.60	35.67	26.67		1506.3							
	OBS	00500	11.72	35.49	27.04	00.760	1505.3							
	STO	00500	11.72	35.49	27.04		1505.3							
	OBS	00600	08.56	35.03	27.17	00.889	1456.5							
	STO	00600	08.56	35.03	27.17		1456.5							
	OBS	00624	07.29	34.80	27.24		1450.2							
	STO	00633	08.20	35.10	27.34		1454.6							
	OBS	00700	07.73	35.08	27.40	00.981	1453.5							
	STO	00700	07.73	35.08	27.40		1453.5							
	OBS	00729	07.38	35.07	27.44		1452.6							
	STO	00746	07.41	35.11	27.47		1453.1							
	OBS	00770	06.30	34.95	27.50		1489.8							
	STO	00800	06.26	35.00	27.54	01.055	1489.3							
	OBS	00800	06.26	35.00	27.54		1489.3							
	STO	00815	06.23	35.04	27.57		1489.6							
	OBS	00820	06.32	35.06	27.58		1450.0							
	STO	00826	06.16	35.03	27.58		1489.4							
	OBS	00835	06.23	35.07	27.60		1465.9							
	STO	00850	06.16	35.06	27.60		1489.8							
	OBS	00880	05.60	34.95	27.62		1488.0							
	STO	00900	05.66	35.01	27.62	01.119	1488.6							
	OBS	00900	05.66	35.01	27.62		1488.6							
	STO	00903	05.71	35.04	27.64		1488.9							
	OBS	00915	05.58	35.02	27.64		1488.5							
	STO	00936	05.63	35.10	27.67		1450.0							
	OBS	01000	05.21	35.03	27.70	01.175	1488.4							
	STO	01003	05.27	35.05	27.70		1488.5							
	OBS	01010	05.02	35.05	27.73	01.227	1489.4							
	STO	01100	05.02	35.05	27.73		1489.4							
	OBS	01100	05.02	35.05	27.73		1489.4							
	STO	01203	04.82	35.04	27.75	01.277	1450.2							
	OBS	01200	04.82	35.04	27.75		1450.2							
	STO	01300	04.56	35.03	27.77	01.325	1450.8							
	OBS	01303	04.56	35.03	27.77		1450.8							
	STO	01361	04.30	34.99	27.77		1450.7							
	OBS	01403	04.30	35.00	27.76	01.373	1451.4							
	STO	01400	04.23	35.00	27.76		1451.4							
	OBS	01451	04.27	35.01	27.74		1452.8							
	STO	01500	04.14	34.99	27.78	01.426	1452.4							
	OBS	01500	04.14	34.99	27.78		1452.4							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOCOL STATION DATA

REFID 31 8552	YEAR 1973	BOJLIP 0-700	AIR TEMP 12.8	OIR HGT PER	WIND-DIR 10	INST STC RECORDER	TEN SU 1500
CONSEC 0003	MONTH 11	SHIP NO	WET BULB 10.7	03 4 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 2
LAT 43 53 N	DAY 30	CATA USE 1	BAROMETR 1021.3	SEA	WIND-FUR	DURATICA	2 SQUARE 24
LONG 145 08 0	MOOR 02.2	AREA 05	CLCUD 7/A	CL/7A	WEATHER X5	CRIG 4A3 00203	1 SQUARE 35

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	CYNOPTR	SND VEL	CATG	PO4	TCT P	NO2	NO3	SIO3	PH
02.2	STO	00000	17.48	35.67	25.53	00.00C	1515.8							
	OBS	00000	17.48	35.67	25.93		1515.8							
	STO	00010	17.47	35.67	25.93	00.021	1515.9							
	OBS	00010	17.47	35.67	25.93		1515.9							
	STO	00020	17.47	35.67	25.93	00.042	1516.1							
	OBS	00020	17.47	35.67	25.93		1516.1							
	STO	00030	17.47	35.67	25.93	00.063	1516.2							
	OBS	00030	17.47	35.67	25.93		1516.2							
	STO	00050	17.48	35.68	25.94	00.104	1516.6							
	OBS	00050	17.48	35.68	25.94		1516.6							
	STO	00075	17.48	35.68	25.94	00.157	1517.0							
	OBS	00075	17.48	35.68	25.94		1517.0							
	STO	00088	17.50	35.68	25.93		1517.3							
	OBS	00100	16.80	36.05	26.38	00.204	1515.9							
	STO	00100	16.80	36.05	26.38		1515.9							
	OBS	00125	16.08	36.04	26.55	00.244	1514.1							
	STO	00125	16.08	36.04	26.55		1514.1							
	OBS	00150	15.58	35.97	26.61	00.282	1512.5							
	STO	00150	15.58	35.97	26.61		1512.9							
	OBS	00154	15.60	36.10	26.66		1513.8							
	STO	00200	14.87	35.93	26.73	00.354	1511.4							
	OBS	00200	14.87	35.93	26.73		1511.4							
	STO	00250	13.56	35.68	26.81	00.421	1507.7							
	OBS	00250	13.56	35.68	26.81		1507.7							
	STO	00300	13.06	35.68	26.91	00.485	1506.8							
	OBS	00300	13.06	35.68	26.91		1506.8							
	STO	00400	10.74	35.32	27.09	00.601	1500.0							
	OBS	00400	10.74	35.32	27.09		1500.0							
	STO	00439	09.01	35.11	27.22		1494.1							
	OBS	00439	09.01	35.11	27.22		1494.1							
	STO	00456	09.09	35.18	27.25		1494.7							
	OBS	00500	08.71	35.18	27.31	00.658	1494.0							
	STO	00500	08.71	35.18	27.31		1494.0							
	OBS	00576	06.48	34.83	27.38		1488.2							
	STO	00595	07.07	34.03	27.38		1491.1							
	OBS	00600	07.50	35.12	27.46	00.778	1491.0							
	STO	00600	07.50	35.12	27.46		1491.0							
	OBS	00700	05.83	34.95	27.59	00.845	1485.5							
	STO	00700	05.83	34.95	27.59		1485.5							
	OBS	00800	05.54	35.04	27.60	00.903	1486.6							
	STO	00800	05.54	35.04	27.60		1486.6							
	OBS	00874	05.10	35.02	27.69		1486.1							
	STO	00900	05.21	35.05	27.71	00.956	1486.8							
	OBS	00900	05.21	35.05	27.71		1486.8							
	STO	00953	04.60	35.02	27.72		1486.4							
	OBS	00960	04.65	35.04	27.73		1486.9							
	STO	01000	04.62	35.04	27.74	01.005	1487.3							
	OBS	01000	04.62	35.04	27.74		1487.3							
	STO	01025	04.95	35.05	27.74		1487.8							
	OBS	01100	04.67	35.02	27.75	01.053	1487.9							
	STO	01100	04.67	35.02	27.75		1487.9							
	OBS	01200	04.55	35.03	27.77	01.101	1489.1							
	STO	01200	04.55	35.03	27.77		1489.1							
	OBS	01300	04.40	35.01	27.77	01.147	1490.1							
	STO	01300	04.40	35.01	27.77		1490.1							
	OBS	01400	04.24	35.00	27.78	01.194	1491.1							
	STO	01400	04.24	35.00	27.78		1491.1							
	OBS	01500	04.12	34.99	27.79	01.241	1492.3							
	STO	01500	04.12	34.99	27.79		1492.3							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOCC STATICA DATA

REFID 31 0352 YEAR 1973 BOTOP 04365 AIR TEMP 08.9 DIR HGT FER WIND-UIR 18 INST STD RECORDER TEN SW 1500
CONSEC 0004 MONTH 11 SHIP OG WET BULB 06.3 03 4 4 WIND-SPL 18 TRACE CIR C 5 SQUARE, 2
LAT 41 59 N DAY 30 DATA USE 1 BAROMETR 1015.0 SEA CL/TR WIND-FOR CURATICA 2 SQUARE 24
LONG 045 44 W HOUR 06.9 AREA 05 CLCUO T/A WEATHER AB ORIG *A3 06204 1 SQUARE 35

CASINUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	CXYC	P04	TCT P	F NC2	NC3	S103	PH
06.9	STO	00003	16.21	35.62	26.15	00.000	1511.9							
	085	00000	16.21	35.62	26.15		1511.9							
	STO	00010	16.04	35.57	26.19	00.018	1511.5							
	085	00010	16.04	35.57	26.19		1511.5							
	STO	00020	15.87	35.57	26.23	00.037	1511.1							
	085	00020	15.87	35.57	26.23		1511.1							
	STO	00030	15.68	35.56	26.27	00.054	1510.7							
	085	00030	15.68	35.56	26.27		1510.7							
	STO	00050	15.64	35.64	26.24	00.090	1511.6							
	085	00050	15.64	35.64	26.24		1511.6							
	STO	00075	15.42	35.68	26.31	00.133	1512.3							
	085	00075	15.42	35.68	26.31		1512.3							
	STO	00100	14.43	35.87	26.68	00.173	1509.9							
	085	00100	14.43	35.87	26.68		1509.9							
	STO	00125	14.26	35.75	26.76	00.207	1508.3							
	085	00125	14.26	35.75	26.76		1508.3							
	STO	00150	12.65	35.45	26.83	00.240	1502.7							
	085	00150	12.65	35.45	26.83		1502.7							
	STO	00160	12.54	35.41	26.62		1502.5							
	085	00160	12.54	35.41	26.62		1502.5							
	STO	00168	12.75	35.51	26.86		1503.4							
	085	00200	11.54	35.36	26.97	00.300	1459.6							
	STO	00200	11.54	35.36	26.97		1459.6							
	085	00200	11.54	35.36	26.97		1459.6							
	STO	00212	12.06	35.53	27.01		1501.8							
	085	00212	12.06	35.53	27.01		1501.8							
	STO	00250	10.61	35.41	27.13	00.353	1458.3							
	085	00250	10.61	35.41	27.13		1458.3							
	STO	00272	10.75	35.36	27.12		1458.0							
	085	00272	10.75	35.36	27.12		1458.0							
	STO	00300	09.65	35.24	27.17	00.403	1455.4							
	085	00300	09.65	35.24	27.17		1455.4							
	STO	00340	08.57	35.06	27.25		1450.7							
	085	00340	08.57	35.06	27.25		1450.7							
	STO	00349	08.71	35.13	27.29		1451.5							
	085	00400	07.36	34.55	27.35	00.492	1487.0							
	STO	00400	07.36	34.55	27.35		1487.0							
	085	00400	07.36	34.55	27.35		1487.0							
	STO	00462	06.70	34.95	27.44		1485.4							
	085	00462	06.70	34.95	27.44		1485.4							
	STO	00500	06.75	35.02	27.45	00.566	1486.3							
	085	00500	06.75	35.02	27.45		1486.3							
	STO	00583	04.37	34.76	27.58		1477.7							
	085	00583	04.37	34.76	27.58		1477.7							
	STO	00600	04.87	34.92	27.65	00.626	1480.3							
	085	00600	04.87	34.92	27.65		1480.3							
	STO	00605	05.05	34.96	27.66		1481.1							
	085	00605	05.05	34.96	27.66		1481.1							
	STO	00610	04.94	34.93	27.65		1480.7							
	085	00610	04.94	34.93	27.65		1480.7							
	STO	00649	04.58	34.65	27.66		1461.6							
	085	00649	04.58	34.65	27.66		1461.6							
	STO	00691	04.45	34.90	27.68		1480.2							
	085	00691	04.45	34.90	27.68		1480.2							
	STO	00700	04.57	34.94	27.70	00.677	1480.7							
	085	00700	04.57	34.94	27.70		1480.7							
	STO	00741	04.72	34.97	27.71		1482.0							
	085	00741	04.72	34.97	27.71		1482.0							
	STO	00800	04.47	34.96	27.73	00.724	1482.0							
	085	00800	04.47	34.96	27.73		1482.0							
	STO	00803	04.42	34.65	27.72		1483.1							
	085	00803	04.42	34.65	27.72		1483.1							
	STO	00900	04.17	34.62	27.73	00.771	1482.3							
	085	00900	04.17	34.62	27.73		1482.3							
	STO	00920	04.12	34.63	27.74		1482.5							
	085	00920	04.12	34.63	27.74		1482.5							
	STO	00930	04.17	34.65	27.75		1482.5							
	085	00930	04.17	34.65	27.75		1482.5							
	STO	00939	04.05	34.92	27.74		1482.5							
	085	00939	04.05	34.92	27.74		1482.5							
	STO	01000	04.26	34.67	27.76	00.817	1484.5							
	085	01000	04.26	34.67	27.76		1484.5							
	STO	01043	04.15	34.67	27.76		1484.4							
	085	01043	04.15	34.67	27.76		1484.4							
	STO	01070	04.23	35.00	27.77		1486.0							
	085	01070	04.23	35.00	27.77		1486.0							
	STO	01100	04.32	35.00	27.77	00.862	1486.4							
	085	01100	04.32	35.00	27.77		1486.4							
	STO	01201	04.17	34.95	27.78		1487.4							
	085	01201	04.17	34.95	27.78	00.907	1487.4							
	STO	01200	04.07	34.99	27.79		1488.7							
	085	01200	04.07	34.99	27.79		1488.7							
	STO	01300	03.57	34.68	27.79	00.951	1489.6							
	085	01300	03.57	34.68	27.79		1489.6							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOODC STATION DATA

PEPIC 3: 0552 YEAR 1973 BOTOP 03905 AIR TEMP 11.1 OIA HGT PER WIND-DIR 20 INST STO RECORDER TEN SW 1300
CG-SEC 0305 MONTH 11 SHIP UG MET BULB 10.0 20 3 3 WIND-SPD 15 TRACE DIR 0 3 SQUARE 2
LAT 44 12 N DAY 30 DATA USE 1 BAROMETER 1019.0 SEA 5EA WIND-FOR 1019.0 CURATICH 0101 A3 00205 2 SQUARE 40
LONG 346 30 W HOUR 10.9 AREA 05 CLCUD T/A CL/TFR 0101 A3 00205 1 SQUARE 46

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-7	GYNPTH	SNC VEL	DAYG	PD4	TCT P	AC2	NC3	S103	PH
13.9	STO	00030	04.23	32.77	25.51	00.000	1480.9							
	OBS	00000	08.23	32.77	25.51		1480.9							
	STO	00010	08.21	32.77	25.52	00.025	1481.0							
	OBS	00010	08.21	32.77	25.52		1481.0							
	STO	00020	07.55	32.76	25.55	00.045	1480.1							
	OBS	00020	07.55	32.76	25.55		1480.1							
	STO	00030	06.20	32.77	25.75	00.075	1473.4							
	OBS	00030	06.20	32.77	25.75		1473.4							
	STO	00050	06.17	34.25	26.96	00.106	1475.6							
	OBS	00050	06.17	34.25	26.96		1475.6							
	STO	00060	06.01	34.41	27.00		1478.5							
	OBS	00075	05.58	34.33	27.10	00.132	1473.7							
	STO	00075	05.58	34.33	27.10		1473.7							
	OBS	00100	04.97	34.25	27.11	00.157	1471.5							
	STO	00100	04.57	34.25	27.11		1471.5							
	OBS	00125	05.74	34.55	27.25	00.180	1475.5							
	STO	00125	05.74	34.55	27.25		1475.5							
	OBS	00134	06.06	34.61	27.26		1477.0							
	STO	00150	04.39	34.41	27.30	00.200	1470.2							
	OBS	00150	04.39	34.41	27.30		1470.2							
	STO	00171	05.56	34.55	27.30		1475.7							
	OBS	00182	04.32	34.41	27.31		1470.4							
	STO	00192	04.65	34.54	27.37		1476.1							
	OBS	00200	04.08	34.50	27.40	00.238	1465.8							
	STO	00200	04.08	34.50	27.40		1465.8							
	OBS	00233	02.68	34.38	27.44		1464.6							
	STO	00250	03.59	34.56	27.50	00.271	1468.6							
	OBS	00250	03.59	34.56	27.50		1468.6							
	STO	00261	03.95	34.60	27.50		1470.4							
	OBS	00270	04.80	34.57	27.49		1469.9							
	STO	00300	04.75	34.75	27.50	00.300	1474.6							
	OBS	00300	04.75	34.75	27.50		1474.6							
	STO	00307	04.98	34.86	27.55		1475.8							
	OBS	00315	04.70	34.80	27.57		1474.7							
	STO	00323	05.21	34.51	27.60		1477.1							
	OBS	00332	05.14	34.89	27.59		1476.5							
	STO	00364	05.31	34.97	27.64		1478.2							
	OBS	00400	05.17	34.95	27.64	00.355	1478.2							
	STO	00400	05.17	34.95	27.64		1478.2							
	OBS	00442	04.81	34.93	27.66		1477.7							
	STO	00460	05.05	35.01	27.70		1478.8							
	OBS	00500	05.06	35.01	27.65	00.4	1479.6							
	STO	00500	05.09	35.01	27.65		1479.6							
	OBS	00600	04.87	35.02	27.73	00.450	1480.4							
	STO	00600	04.87	35.02	27.73		1480.4							
	OBS	00650	04.87	35.03	27.74		1481.2							
	STO	00700	04.72	35.02	27.74	00.494	1481.4							
	OBS	00700	04.72	35.02	27.74		1481.4							
	STO	00746	04.42	34.99	27.75		1480.9							
	OBS	00800	04.51	35.01	27.76	00.538	1482.2							
	STO	00800	04.51	35.01	27.76		1482.2							
	OBS	00860	04.45	35.02	27.77		1483.1							
	STO	00900	04.29	34.99	27.77	00.581	1482.9							
	OBS	00900	04.29	34.99	27.77		1482.9							
	STO	00960	04.04	34.96	27.77		1482.9							
	OBS	01000	04.05	34.96	27.77	00.625	1483.6							
	STO	01000	04.05	34.96	27.77		1483.6							
	OBS	01050	04.08	34.97	27.78		1484.0							
	STO	01100	04.00	34.97	27.78	00.668	1485.0							
	OBS	01130	04.00	34.97	27.78		1485.0							
	STO	01200	03.90	34.97	27.79	00.711	1486.5							
	OBS	01200	03.90	34.97	27.79		1486.5							
	STO	01300	03.90	34.97	27.79	00.754	1488.0							
	OBS	01400	03.50	34.97	27.79		1488.0							
	STO	01400	03.50	34.97	27.79	00.798	1489.3							
	OBS	01400	03.50	34.97	27.79		1489.3							
	STO	01500	03.68	34.96	27.81	00.841	1490.4							
	OBS	01500	03.68	34.96	27.81		1490.4							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

W D D L S T A T I O N C A T A

REFID 31 0352 YEAR 1973 BOTDP 03959 AIR TEMP 10.1 DIR FGT PEK WING-LIA 10 INST STO RECORDER TEN 30 1306
CONSEC 0352 MONTH 11 SHIP DG NET BULO 09.2 22 4 8 WING-SPO 20 TRACE CIR L 5 SQUARE 2
LAT 44 15 N DAY 30 DATA USE 1 BAROMETH 1016.9 SEA WING-FOU OURATJCA 2 SQUARE 46
LONG 047 12 W HOUR 14.3 AREA 05 CLCUO T/A CL/TR WEATHER A4 GRIG A3 06206 1 SQUARE 47

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	STCNA-7	DYNOPTH	SND VEL	CXYG	PO4	TOT P	AC2	AC3	SIO3	PH
14.3	STO	00330	07.23	32.77	25.66	00.000	1477.0							
	OBS	00600	07.23	32.77	25.66		1477.0							
	STO	00610	06.77	32.77	25.72	00.023	1475.4							
	OBS	00610	06.77	32.77	25.72		1475.4							
	STO	00320	06.53	32.83	25.80	00.046	1474.7							
	OBS	00320	06.53	32.83	25.80		1474.7							
	STO	00030	06.20	32.96	25.94	00.067	1473.7							
	OBS	00030	06.20	32.96	25.94		1473.7							
	STO	00050	06.08	34.37	27.07	00.098	1475.4							
	OBS	00050	06.08	34.37	27.07		1475.4							
	STO	00056	06.81	34.51	27.08		1478.6							
	OBS	00060	06.68	34.49	27.08		1478.1							
	STO	00065	06.76	34.53	27.13		1478.6							
	OBS	00075	06.55	34.49	27.10	00.123	1477.8							
	STO	00075	06.55	34.49	27.10		1477.8							
	OBS	00056	06.77	34.61	27.16		1479.2							
	STO	00100	06.65	34.59	27.16	00.147	1478.9							
	OBS	00100	06.69	34.59	27.16		1478.9							
	STO	00125	06.53	34.62	27.20	00.170	1478.7							
	OBS	00125	06.53	34.62	27.20		1478.7							
	STO	00150	05.57	34.57	27.24	00.192	1476.9							
	OBS	00150	05.57	34.57	27.24		1476.9							
	STO	00180	05.62	34.53	27.25		1475.5							
	OBS	00183	05.57	34.65	27.30		1477.5							
	STO	00200	05.80	34.65	27.31	00.233	1477.4							
	OBS	00200	05.80	34.65	27.31		1477.4							
	STO	00220	05.94	34.68	27.33		1478.0							
	OBS	00243	05.64	34.66	27.35		1477.2							
	STO	00250	05.67	34.69	27.37	00.272	1477.4							
	OBS	00250	05.67	34.69	27.37		1477.4							
	STO	00256	05.77	34.73	27.39		1476.0							
	OBS	00261	04.86	34.61	27.40		1474.2							
	STO	00276	04.87	34.62	27.41		1474.5							
	OBS	00292	05.58	34.80	27.47		1477.9							
	STO	00300	05.26	34.79	27.50	00.306	1476.7							
	OBS	00300	05.46	34.74	27.50		1476.7							
	STO	00310	05.09	34.76	27.53		1476.2							
	OBS	00351	05.29	34.85	27.53		1477.9							
	STO	00356	05.31	34.67	27.56		1478.0							
	OBS	00367	05.06	34.84	27.56		1477.1							
	STO	00385	05.74	34.95	27.57		1480.3							
	OBS	00400	05.46	34.94	27.59	00.366	1475.4							
	STO	00413	05.12	34.90	27.60		1478.2							
	OBS	00424	05.23	34.97	27.65		1478.9							
	STO	00500	04.82	34.95	27.68	00.418	1478.4							
	OBS	00500	04.82	34.95	27.68		1478.4							
	STO	00540	04.75	34.95	27.69		1478.8							
	OBS	00550	04.80	34.97	27.70		1479.2							
	STO	00570	04.70	34.97	27.71		1479.1							
	OBS	00600	04.76	34.98	27.71	00.465	1479.9							
	STO	00703	04.57	34.99	27.74		1479.9							
	OBS	00700	04.57	34.99	27.74	00.510	1480.8							
	STO	00800	04.51	35.00	27.75		1482.2							
	OBS	00800	04.51	35.00	27.75	00.555	1482.2							
	STO	00900	04.34	34.98	27.76		1483.1							
	OBS	00900	04.34	34.98	27.76	00.595	1483.1							
	STO	01000	04.25	34.99	27.77		1484.4							
	OBS	01000	04.25	34.99	27.77	00.643	1484.4							
	STO	01100	04.09	34.97	27.77		1485.4							
	OBS	01100	04.09	34.97	27.77	00.687	1485.4							
	STO	01200	04.03	34.97	27.78		1486.8							
	OBS	01200	04.03	34.97	27.78	00.731	1486.8							
	STO	01300	03.96	34.97	27.79		1488.2							
	OBS	01300	03.96	34.97	27.79	00.776	1488.2							
	STO	01400	03.65	34.97	27.80		1489.6							
	OBS	01400	03.89	34.97	27.80	00.820	1489.6							
	STO	01500	03.81	34.96	27.80		1490.9							
	OBS	01500	03.81	34.96	27.80	00.865	1490.9							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOCC STATION DATA

REFID 31 8352	YEAR 1973	BOTCP C3840	AIR TEMP 10.0	OIR FGT PER	WIND-DIR 18	INST STD RECONDER	TEM SU 1306
CONSEC 0007	MONTH 11	SNIP OG	NET BULB 05.2	22 3 3	WIND-SPC 18	TRACE CIR	5 SQUARE 2
LAT 44 19 N	DAY 30	DATA USE 1	BATHMETR 1013.9	SEA	WIND-FGR	CURATICA	2 SQUARE 48
LONG 147 33 W	MOOR 16.6	AREA 35	CLOUD TRA	CL/TR	WEATHER	ORIG FA3 06207	1 SQUARE 47

EASTING/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	CYNDPTH	SNC VEL	DAYG	PO4	TGT P	NO2	NO3	PH
10.0	STO	00300	07.01	32.76	25.68	00.000	1476.1						
	OBS	00300	07.01	32.76	25.68		1476.1						
	STO	00013	06.62	32.76	25.73	00.022	1474.8						
	OBS	00013	06.62	32.76	25.73		1474.8						
	STO	00020	06.04	32.75	25.75	00.045	1472.6						
	OBS	00020	06.04	32.75	25.75		1472.6						
	STO	00030	05.64	32.63	25.91	00.067	1471.2						
	OBS	00030	05.64	32.63	25.91		1471.2						
	STO	00050	04.33	33.96	26.95	00.099	1467.7						
	OBS	00050	04.33	33.96	26.95		1467.7						
	STO	00075	06.03	34.41	27.10	00.126	1475.7						
	OBS	00075	06.03	34.41	27.10		1475.7						
	STO	00100	05.32	34.38	27.17	00.145	1473.1						
	OBS	00100	05.32	34.38	27.17		1473.1						
	STO	00125	04.91	34.37	27.21	00.172	1471.9						
	OBS	00125	04.91	34.37	27.21		1471.9						
	STO	00132	04.44	34.32	27.22		1470.0						
	OBS	00132	04.44	34.32	27.22		1470.0						
	STO	00143	04.64	34.40	27.26		1471.1						
	OBS	00143	04.64	34.40	27.26		1471.1						
	STO	00150	04.42	34.37	27.26	00.193	1470.2						
	OBS	00150	04.42	34.37	27.26		1470.2						
	STO	00158	04.16	34.35	27.27		1469.3						
	OBS	00158	04.16	34.35	27.27		1469.3						
	STO	00169	05.08	34.51	27.30		1473.5						
	OBS	00169	05.08	34.51	27.30		1473.5						
	STO	00172	04.72	34.46	27.30		1472.0						
	OBS	00172	04.72	34.46	27.30		1472.0						
	STO	00183	05.04	34.56	27.34		1473.6						
	OBS	00183	05.04	34.56	27.34		1473.6						
	STO	00188	04.57	34.48	27.32		1471.6						
	OBS	00188	04.57	34.48	27.32		1471.6						
	STO	00195	05.53	34.69	27.39		1475.5						
	OBS	00195	05.53	34.69	27.39		1475.5						
	STO	00200	05.28	34.66	27.39	00.232	1475.0						
	OBS	00200	05.28	34.66	27.39		1475.0						
	STO	00213	05.28	34.65	27.39		1475.2						
	OBS	00213	05.28	34.65	27.39		1475.2						
	STO	00234	05.83	34.80	27.44		1476.0						
	OBS	00234	05.83	34.80	27.44		1476.0						
	STO	00250	05.54	34.78	27.46	00.267	1477.0						
	OBS	00250	05.54	34.78	27.46		1477.0						
	STO	00267	04.97	34.72	27.48		1474.9						
	OBS	00267	04.97	34.72	27.48		1474.9						
	STO	00293	05.11	34.79	27.52		1476.0						
	OBS	00293	05.11	34.79	27.52		1476.0						
	STO	00300	05.02	34.78	27.52	00.295	1475.7						
	OBS	00300	05.02	34.78	27.52		1475.7						
	STO	00330	03.74	34.65	27.59		1471.3						
	OBS	00330	03.74	34.65	27.59		1471.3						
	STO	00390	04.73	34.67	27.62		1476.1						
	OBS	00390	04.73	34.67	27.62		1476.1						
	STO	00395	04.66	34.60	27.62		1474.2						
	OBS	00395	04.66	34.60	27.62		1474.2						
	STO	00400	04.55	34.82	27.63	00.355	1474.6						
	OBS	00400	04.55	34.82	27.63		1474.6						
	STO	00411	04.72	34.86	27.63		1476.5						
	OBS	00411	04.72	34.86	27.63		1476.5						
	STO	00416	04.46	34.85	27.64		1475.4						
	OBS	00416	04.46	34.85	27.64		1475.4						
	STO	00425	04.57	34.57	27.68		1477.9						
	OBS	00425	04.57	34.57	27.68		1477.9						
	STO	00449	04.12	34.65	27.68		1476.9						
	OBS	00449	04.12	34.65	27.68		1476.9						
	STO	00480	04.26	34.84	27.65		1475.1						
	OBS	00480	04.26	34.84	27.65		1475.1						
	STO	00467	04.12	34.66	27.58		1475.2						
	OBS	00467	04.12	34.66	27.58		1475.2						
	STO	00500	04.16	34.66	27.65	00.403	1475.7						
	OBS	00500	04.16	34.66	27.65		1475.7						
	STO	00521	04.26	34.91	27.71		1476.5						
	OBS	00521	04.26	34.91	27.71		1476.5						
	STO	00600	04.18	34.92	27.73	00.449	1477.4						
	OBS	00600	04.18	34.92	27.73		1477.4						
	STO	00700	03.57	34.92	27.75	00.452	1478.2						
	OBS	00700	03.57	34.92	27.75		1478.2						
	STO	00729	03.90	34.91	27.75		1478.4						
	OBS	00729	03.90	34.91	27.75		1478.4						
	STO	00800	04.37	35.00	27.77	00.534	1481.6						
	OBS	00800	04.37	35.00	27.77		1481.6						
	STO	00900	04.16	34.97	27.77	00.577	1482.4						
	OBS	00900	04.16	34.97	27.77		1482.4						
	STO	01000	04.07	34.97	27.78	00.620	1483.7						
	OBS	01000	04.07	34.97	27.78		1483.7						
	STO	01100	03.94	34.96	27.78	00.663	1484.8						
	OBS	01100	03.94	34.96	27.78		1484.8						
	STO	01200	03.95	34.97	27.79	00.706	1486.5						
	OBS	01200	03.95	34.97	27.79		1486.5						
	STO	01300	03.55	34.97	27.79	00.750	1488.2						
	OBS	01300	03.55	34.97	27.79		1488.2						
	STO	01400	03.65	34.97	27.80	00.794	1485.4						
	OBS	01400	03.65	34.97	27.80		1485.4						
	STO	01500	03.78	34.96	27.80	00.836	1490.8						
	OBS	01500	03.78	34.96	27.80		1490.8						

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOCC STATION DATA

REFID 31 0352	YEAR 1973	DOTOP 03566	AIR TEMP 10.0	DIR FGT PER	WIND-LIR 16	INST STC RECORDER.	Ten Sw 1306
CONSEC 0308	MONTH 11	SHIP OG	WET BULB 08.3	22 3 3	WIND-SPD 19	TRACE CIR C	5 SQUARE 2
LAT 44 28 N	DAY 30	DATA USE 1	BAROMETR 1011.5	SEA	WIND-FUK	DURATION	2 SQUARE 46
LONG 047 57 W	MOOR 18-9	AREA 05	CLOUD T/A	CL/T/A	WEATHER 41	CAIG F43 06208	1 SQUARE 47

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN/DPTH	SND VEL	CXYG	PJ4	TCT P	AC2	NG3	SIG3	PH
18.9	STO	00000	06.46	32.73	25.73	00.000	1473.5							
	OBS	00000	06.46	32.73	25.73		1473.5							
	STO	00010	06.46	32.73	25.73	00.023	1474.1							
	OBS	00010	06.46	32.73	25.73		1474.1							
	STO	00020	06.18	32.76	25.78	00.045	1473.2							
	OBS	00020	06.18	32.76	25.78		1473.2							
	STO	00030	05.15	32.82	25.45	00.067	1469.2							
	OBS	00030	05.15	32.82	25.45		1469.2							
	STO	00040	02.24	32.81	26.54		1458.0							
	OBS	00040	02.24	32.81	26.54	00.100	1461.4							
	STO	00050	02.48	33.56	26.76		1461.4							
	OBS	00050	02.48	33.56	26.76		1461.4							
	STO	00063	04.32	34.13	27.08		1460.1							
	OBS	00063	04.32	34.13	27.08	00.125	1468.5							
	STO	00075	04.37	34.16	27.10		1468.5							
	OBS	00075	04.37	34.16	27.10		1468.5							
	STO	00084	04.57	34.20	27.11		1469.5							
	OBS	00084	04.57	34.20	27.11		1469.5							
	STO	00095	04.41	34.17	27.11		1469.0							
	OBS	00095	04.41	34.17	27.11	00.153	1465.9							
	STO	00100	04.58	34.26	27.16		1469.9							
	OBS	00100	04.58	34.26	27.16		1469.9							
	STO	00125	05.42	34.50	27.25	00.175	1474.1							
	OBS	00125	05.42	34.50	27.25		1474.1							
	STO	00139	05.71	34.55	27.26		1475.6							
	OBS	00139	05.71	34.55	27.26	00.196	1475.2							
	STO	00150	05.58	34.52	27.25		1475.2							
	OBS	00150	05.58	34.52	27.25		1475.2							
	STO	00155	05.41	34.50	27.25		1474.6							
	OBS	00155	05.41	34.50	27.25		1474.6							
	STO	00173	05.76	34.62	27.30		1476.5							
	OBS	00173	05.76	34.62	27.30	00.237	1475.7							
	STO	00200	05.48	34.59	27.31		1475.7							
	OBS	00200	05.48	34.59	27.31		1475.7							
	STO	00220	05.56	34.68	27.36		1476.5							
	OBS	00220	05.56	34.68	27.36	00.275	1476.7							
	STO	00250	05.47	34.72	27.42		1476.7							
	OBS	00250	05.47	34.72	27.42		1476.7							
	STO	00282	05.17	34.73	27.46		1476.0							
	OBS	00282	05.17	34.73	27.46	00.307	1476.6							
	STO	00300	05.21	34.81	27.52		1476.6							
	OBS	00300	05.21	34.81	27.52		1476.6							
	STO	00325	04.97	34.81	27.55		1476.1							
	OBS	00325	04.97	34.81	27.55		1476.1							
	STO	00373	05.41	34.94	27.60		1478.8							
	OBS	00373	05.41	34.94	27.60	00.364	1477.9							
	STO	00400	05.10	34.93	27.63		1477.5							
	OBS	00400	05.10	34.93	27.63		1477.5							
	STO	00420	05.13	34.93	27.64		1478.4							
	OBS	00420	05.13	34.93	27.64		1478.4							
	STO	00450	04.54	34.66	27.67		1479.5							
	OBS	00450	04.54	34.66	27.67		1479.5							
	STO	00479	03.14	35.30	27.68		1479.4							
	OBS	00479	03.14	35.30	27.68	00.414	1479.4							
	STO	00500	05.05	34.99	27.68		1479.4							
	OBS	00500	05.05	34.99	27.68		1479.4							
	STO	00511	04.78	34.96	27.69		1478.5							
	OBS	00511	04.78	34.96	27.69		1478.5							
	STO	00528	04.51	35.01	27.71		1479.4							
	OBS	00528	04.51	35.01	27.71		1479.4							
	STO	00548	04.63	34.96	27.71		1478.5							
	OBS	00548	04.63	34.96	27.71		1478.5							
	STO	00559	04.63	35.00	27.72		1479.5							
	OBS	00559	04.63	35.00	27.72		1479.5							
	STO	00575	04.67	34.97	27.71		1479.1							
	OBS	00575	04.67	34.97	27.71		1479.1							
	STO	00580	04.75	35.01	27.73		1479.6							
	OBS	00580	04.75	35.01	27.73		1479.6							
	STO	00590	04.66	34.99	27.73		1479.3							
	OBS	00590	04.66	34.99	27.73	00.460	1460.0							
	STO	00600	04.78	35.01	27.73		1460.0							
	OBS	00600	04.78	35.01	27.73		1460.0							
	STO	00646	04.50	34.97	27.73		1479.6							
	OBS	00646	04.50	34.97	27.73		1479.6							
	STO	00670	04.57	34.99	27.74		1480.3							
	OBS	00670	04.57	34.99	27.74		1480.3							
	STO	00700	04.47	34.94	27.75	00.504	1480.4							
	OBS	00700	04.47	34.94	27.75		1480.4							
	STO	00712	04.51	35.01	27.75		1481.0							
	OBS	00712	04.51	35.01	27.75		1481.0							
	STO	00738	04.37	34.97	27.74		1480.6							
	OBS	00738	04.37	34.97	27.74	00.547	1480.1							
	STO	00800	04.25	34.97	27.76		1481.1							
	OBS	00800	04.25	34.97	27.76		1481.1							
	STO	00821	03.85	34.91	27.75		1479.7							
	OBS	00821	03.85	34.91	27.75	00.550	1480.5							
	STO	00900	03.82	34.92	27.76		1480.5							
	OBS	00900	03.82	34.92	27.76		1480.5							
	STO	01000	03.80	34.92	27.76	00.633	1482.5							
	OBS	01000	03.80	34.92	27.76		1482.5							
	STO	01100	03.76	34.92	27.77	00.677	1484.0							
	OBS	01100	03.76	34.92	27.77		1484.0							
	STO	01200	03.75	34.92	27.77	00.721	1485.6							
	OBS	01200	03.75	34.92	27.77		1485.6							
	STO	01240	03.60	34.90	27.77		1485.6							
	OBS	01240	03.60	34.90	27.77		1485.6							
	STO	01300	03.62	34.91	27.78	00.766	1486.7							
	OBS	01300	03.62	34.91	27.78		1486.7							
	STO	01400	03.70	34.93	27.78	00.810	1488.8							
	OBS	01400	03.70	34.93	27.78		1488.8							
	STO	01500	03.85	34.93	27.79	00.855	1490.2							
	OBS	01500	03.85	34.93	27.79		1490.2							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOCC STATION DATA

AEFIC 31 8352	YEAR 1973	BOTDP 03252	AIR TEMP 10.0	DIA HGT FER	WINC-DIR 18	INST STC RECGRACER	TEM SO 1306
CONSEC 0005	MONTH 11	SHIP OG	WET BULB 08.9	18 3 2	WIND-SPU 22	TRACE DIR	5 SQUARE 2
LAT 44 27 N	DAY 30	DATA USE 1	BAROMETER 1010.2	SEA	WIND-FUR	DURATICA	2 SQUARE 48
LONG 048 05 W	MOOR 21.1	AREA 05	CLCUD T/A	CL/TJR	WEATHER A5	GAIG A3 06209	1 SQUARE 48

CAS7N047TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNC VEL	DAYG	PO4	TOT P	AG2	AG3	S103	PH
21.1	STO	C0000	07.15	32.73	25.63	00.000	1476.8							
	OBS	C0000	07.19	32.73	25.63		1476.8							
	STO	C0010	07.15	32.73	25.63	00.024	1477.0							
	OBS	C0010	07.19	32.73	25.63		1477.0							
	STO	C0020	06.00	32.73	25.77	00.047	1476.6							
	OBS	C0020	06.05	32.73	25.77		1476.6							
	STO	C0030	04.56	33.11	26.25	00.067	1477.2							
	OBS	C0030	04.56	33.11	26.25		1477.2							
	STO	C0050	04.33	33.65	26.85	00.097	1476.7							
	OBS	C0050	04.36	33.65	26.85		1476.7							
	STO	C0075	05.82	34.46	27.17	00.123	1476.5							
	OBS	C0075	05.82	34.46	27.17		1476.5							
	STO	C0084	06.13	34.54	27.15		1476.4							
	OBS	C0084	06.13	34.54	27.15		1476.4							
	STO	C0100	06.04	34.53	27.20	00.146	1476.3							
	OBS	C0100	06.04	34.53	27.20		1476.3							
	STO	C0125	05.44	34.45	27.21	00.168	1474.1							
	OBS	C0125	05.44	34.45	27.21		1474.1							
	STO	C0134	05.61	34.52	27.24		1475.1							
	OBS	C0134	05.61	34.52	27.24		1475.1							
	STO	C0138	05.47	34.49	27.24		1474.5							
	OBS	C0138	05.47	34.49	27.24		1474.5							
	STO	C0150	05.51	34.56	27.29	00.189	1475.0							
	OBS	C0150	05.51	34.56	27.29		1475.0							
	STO	C0173	05.25	34.55	27.31		1474.3							
	OBS	C0173	05.25	34.55	27.31		1474.3							
	STO	C0194	05.69	34.68	27.36		1476.6							
	OBS	C0194	05.69	34.68	27.36		1476.6							
	STO	C0200	05.33	34.66	27.36	00.228	1476.0							
	OBS	C0200	05.33	34.66	27.36		1476.0							
	STO	C0220	05.62	34.74	27.42		1476.8							
	OBS	C0220	05.62	34.74	27.42		1476.8							
	STO	C0250	05.14	34.73	27.47	00.263	1475.3							
	OBS	C0250	05.14	34.73	27.47		1475.3							
	STO	C0300	05.02	34.78	27.52	00.293	1475.7							
	OBS	C0300	05.02	34.78	27.52		1475.7							
	STO	C0330	05.42	34.90	27.57		1478.0							
	OBS	C0330	05.42	34.90	27.57		1478.0							
	STO	C0400	04.77	34.87	27.62	00.352	1476.5							
	OBS	C0400	04.77	34.87	27.62		1476.5							
	STO	C0500	04.64	34.93	27.68	00.402	1477.7							
	OBS	C0500	04.64	34.93	27.68		1477.7							
	STO	C0561	04.34	34.91	27.70		1477.4							
	OBS	C0561	04.34	34.91	27.70		1477.4							
	STO	C0571	04.46	34.95	27.72		1478.1							
	OBS	C0571	04.46	34.95	27.72		1478.1							
	STO	C0600	04.37	34.94	27.72	00.448	1478.2							
	OBS	C0600	04.37	34.94	27.72		1478.2							
	STO	C0660	04.44	34.96	27.73		1479.5							
	OBS	C0660	04.44	34.96	27.73		1479.5							
	STO	C0700	04.01	34.91	27.74	00.493	1476.3							
	OBS	C0700	04.01	34.91	27.74		1476.3							
	STO	C0761	03.93	34.91	27.74		1479.0							
	OBS	C0761	03.93	34.91	27.74		1479.0							
	STO	C0791	04.11	34.94	27.75		1480.3							
	OBS	C0791	04.11	34.94	27.75		1480.3							
	STO	C0830	04.05	34.93	27.75	00.536	1480.2							
	OBS	C0830	04.05	34.93	27.75		1480.2							
	STO	C0900	02.73	34.90	27.76	00.580	1480.5							
	OBS	C0900	02.73	34.90	27.76		1480.5							
	STO	C1000	02.71	34.91	27.77	00.623	1482.1							
	OBS	C1000	02.71	34.91	27.77		1482.1							
	STO	C1070	02.66	34.93	27.77		1483.9							
	OBS	C1070	02.66	34.93	27.77		1483.9							
	STO	C1100	02.74	34.91	27.76	00.667	1483.9							
	OBS	C1100	02.74	34.91	27.76		1483.9							
	STO	C1130	02.74	34.91	27.76		1483.9							
	OBS	C1130	02.74	34.91	27.76		1483.9							
	STO	C1155	02.53	34.89	27.77		1483.9							
	OBS	C1155	02.53	34.89	27.77		1483.9							
	STO	C1200	03.65	34.91	27.77	00.711	1485.3							
	OBS	C1200	03.65	34.91	27.77		1485.3							
	STO	C1230	03.69	34.91	27.77		1486.1							
	OBS	C1230	03.69	34.91	27.77		1486.1							
	STO	C1300	03.48	34.88	27.77	00.755	1486.1							
	OBS	C1300	03.48	34.88	27.77		1486.1							
	STO	C1400	03.62	34.91	27.78	00.801	1488.4							
	OBS	C1400	03.62	34.91	27.78		1488.4							
	STO	C1500	03.54	34.90	27.78	00.848	1489.7							
	OBS	C1500	03.54	34.90	27.78		1489.7							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOOC STATION DATA

REFID 31 8352 YEAR 1973 NOTOP 02079 AIR TEMP 07.8 DIR FGT PER WIND-DIR 26 INST 310 RECORDER TLM 20 1306
CONSEC 0310 MONTH 11 SHIP OC NET BULB 0m.7 28 3 2 WIND-SPO 15 TAACE CIA E 5 SQUARE 2
LAT 44 24 N DAY 30 DATA USE 1 BAROMETR 1009.1 SEA WIND-FDR DURATICA 2 SQUARE 48
LONG 348 20 W HOUR 23.2 AREA 05 CLOCL T/6 CL/T/F WEATHER A6 GAIG 243 06210 1 SQUARE 48

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNC VEL	DTYG	PO4	TCT P	AC2	AC3	SI03	PH
23.2	STO	00000	04.82	32.82	25.75	00.000	1475.5							
	085	00000	04.82	32.82	25.75		1475.5							
	STO	00010	04.82	32.82	25.75	00.023	1475.6							
	085	00010	04.82	32.82	25.75		1475.6							
	STO	00020	04.81	32.81	25.78	00.045	1474.6							
	085	00020	04.81	32.81	25.78		1474.6							
	STO	00030	04.88	32.89	26.04	00.066	1468.2							
	085	00030	04.88	32.89	26.04		1468.2							
	085	00040	03.69	33.86	26.63		1464.7							
	STO	00050	03.65	34.11	27.11	00.094	1466.3							
	085	00050	03.65	34.11	27.11		1466.3							
	STO	00075	04.92	34.35	27.19	00.115	1471.1							
	085	00075	04.92	34.35	27.19		1471.1							
	085	00080	04.88	34.34	27.15		1471.0							
	085	00094	05.23	34.45	27.23		1472.8							
	STO	00103	04.76	34.36	27.23	00.141	1470.8							
	085	00103	04.76	34.36	27.23		1470.8							
	085	00116	04.77	34.40	27.25		1471.2							
	STO	00125	05.26	34.56	27.32	00.161	1473.5							
	085	00125	05.26	34.56	27.32		1473.5							
	STO	00130	05.64	34.54	27.33	00.181	1473.0							
	085	00130	05.64	34.54	27.33		1473.0							
	085	00171	04.91	34.52	27.33		1472.6							
	085	00185	05.14	34.65	27.40		1474.2							
	STO	00200	04.72	34.62	27.42	00.217	1472.7							
	085	00200	04.72	34.62	27.42		1472.7							
	STO	00230	04.98	34.77	27.52	00.245	1474.7							
	085	00230	04.98	34.77	27.52		1474.7							
	085	00271	05.43	34.90	27.57		1477.1							
	STO	00300	05.59	34.93	27.57	00.275	1476.3							
	085	00300	05.59	34.93	27.57		1476.3							
	085	00337	04.80	34.83	27.59		1475.5							
	085	00345	05.04	34.92	27.63		1476.8							
	STO	00400	04.39	34.85	27.65	00.332	1474.9							
	085	00403	04.39	34.85	27.65		1474.9							
	085	00441	04.44	34.89	27.67		1475.8							
	085	00464	04.27	34.88	27.68		1475.5							
	085	00465	04.61	34.96	27.71		1477.3							
	085	00490	04.38	34.93	27.71		1476.4							
	STO	00500	04.63	34.97	27.72	00.375	1477.6							
	085	00500	04.63	34.97	27.72		1477.6							
	085	00521	04.96	35.02	27.72		1479.5							
	085	00539	04.30	34.62	27.71		1476.9							
	085	00575	04.68	35.01	27.72		1480.0							
	STO	00600	04.82	35.02	27.73	00.423	1480.2							
	085	00600	04.82	35.02	27.73		1480.2							
	085	00640	04.28	34.95	27.74		1476.5							
	STO	00700	04.32	34.96	27.74	00.467	1479.7							
	085	00700	04.32	34.96	27.74		1479.7							
	STO	00800	04.16	34.95	27.75	00.511	1480.7							
	085	00800	04.16	34.95	27.75		1480.7							
	STO	00900	04.01	34.94	27.76	00.554	1481.7							
	085	00900	04.01	34.94	27.76		1481.7							
	085	00942	04.14	34.97	27.77		1483.0							
	STO	01000	04.04	34.95	27.76	00.596	1483.5							
	085	01000	04.04	34.95	27.76		1483.5							
	085	01022	03.63	34.93	27.76		1483.2							
	STO	01100	03.92	34.94	27.77	00.642	1484.7							
	085	01100	03.92	34.94	27.77		1484.7							
	STO	01200	03.93	34.94	27.77	00.687	1486.4							
	085	01200	03.93	34.94	27.77		1486.4							
	STO	01300	03.87	34.95	27.76	00.732	1487.8							
	085	01300	03.87	34.95	27.76		1487.8							
	STO	01400	03.82	34.94	27.78	00.777	1489.3							
	085	01400	03.82	34.94	27.78		1489.3							
	STO	01500	03.78	34.94	27.78	00.822	1490.8							
	085	01500	03.78	34.94	27.78		1490.8							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NGDC STATICAL DATA

REFID 31 8352	YEAR 1973	80TOP 01064	AIR TEMP 05.6	DIR +GT PEA	WING-DIN 29	LAST STD RECOAREA	TEN SQ 1306
CONSEC 0311	MONTH 12	SHIP OG	NET BULB 04.4	28 3 2	WIND-SPO 17	TAACE CIA 0	5 SQUARE 2
LAT 44 29 N	DAY 01	DATA USE 1	BARGHETA 0982.1	SEA	WIND-FUR	DURATICA	2 SQUARE 48
LONG 048 36 W	MOOR 01.2	AREA 03	CLCUD T/A	CL/TX	WEATHER A3	CR16 23 06211	3 SQUARE 4A

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNC VEL	DRYG	P04	TCT P	AC2	A03	S103	PM
01.2	STD	00000	05.49	33.21	26.22	00.000	1470.6							
	OBS	00000	05.45	33.21	26.22		1470.6							
	STD	00010	05.38	33.26	26.28	00.018	1470.4							
	OBS	00010	05.38	33.26	26.28		1470.4							
	STD	00020	04.45	33.23	26.44	00.035	1466.8							
	OBS	00020	04.45	33.23	26.44		1466.8							
	STD	00030	04.36	33.41	26.51	00.050	1466.7							
	OBS	00030	04.36	33.41	26.51		1466.7							
	STD	00050	04.71	33.52	26.56	00.081	1468.7							
	OBS	00050	04.71	33.52	26.56		1468.7							
	STD	00075	02.46	33.57	26.81	00.113	1455.6							
	OBS	00075	02.46	33.57	26.81		1455.6							
	OBS	00080	00.96	23.74	27.06		1453.3							
	STD	00100	01.41	34.17	27.37	00.135	1456.2							
	OBS	00100	01.41	34.17	27.37		1456.2							
	STD	00125	02.56	34.54	27.54	00.155	1463.9							
	OBS	00125	02.56	34.54	27.54		1463.9							
	OBS	00136	04.39	34.74	27.56		1470.4							
	OBS	00142	04.22	34.72	27.56		1469.7							
	STD	00150	04.51	34.75	27.55	00.165	1471.1							
	OBS	00150	04.51	34.75	27.55		1471.1							
	OBS	00152	04.37	34.73	27.55		1470.5							
	OBS	00173	04.52	34.77	27.57		1471.6							
	OBS	00182	04.37	34.74	27.56		1471.1							
	OBS	00187	04.56	34.79	27.58		1472.0							
	OBS	00193	04.47	34.76	27.57		1471.7							
	STD	00200	04.74	34.67	27.62	00.196	1473.3							
	OBS	00200	04.74	34.67	27.62		1473.3							
	OBS	00221	04.80	34.87	27.62		1473.7							
	OBS	00233	04.63	34.86	27.63		1473.1							
	OBS	00242	04.77	34.91	27.65		1473.9							
	STD	00250	04.72	34.90	27.65	00.221	1473.8							
	OBS	00250	04.72	34.90	27.65		1473.8							
	STD	00320	04.52	34.90	27.67	00.244	1473.0							
	OBS	00320	04.52	34.90	27.67		1473.0							
	OBS	00320	04.52	34.91	27.68		1474.2							
	OBS	00352	04.74	34.97	27.70		1475.7							
	OBS	00383	04.82	34.95	27.71		1476.6							
	STD	00400	04.72	34.98	27.71	00.285	1476.4							
	OBS	00400	04.72	34.98	27.71		1476.4							
	OBS	00408	04.78	34.99	27.71		1476.8							
	OBS	00484	04.52	34.98	27.74		1477.0							
	STD	00500	04.61	34.99	27.73	00.332	1477.6							
	OBS	00500	04.61	34.99	27.73		1477.6							
	OBS	00574	04.49	34.98	27.74		1476.3							
	STD	00600	04.61	35.01	27.75	00.375	1479.3							
	OBS	00600	04.61	35.01	27.75		1479.3							
	OBS	00650	04.58	35.01	27.75		1480.0							
	STD	00700	04.37	34.94	27.73	00.418	1479.9							
	OBS	00700	04.37	34.98	27.75		1479.9							
	OBS	00710	04.24	34.96	27.73		1479.3							
	OBS	00724	04.31	34.98	27.76		1480.1							
	STD	00800	03.71	34.89	27.73	00.480	1478.7							
	OBS	00800	03.71	34.89	27.73		1478.7							
	STD	00900	03.55	34.88	27.75	00.503	1479.9							
	OBS	00900	03.55	34.88	27.75		1479.9							
	STD	01000	03.56	34.89	27.77	00.546	1481.4							
	OBS	01000	03.56	34.89	27.77		1481.4							
	STD	01100	03.61	34.90	27.77	00.589	1483.3							
	OBS	01100	03.61	34.90	27.77		1483.3							
	OBS	01144	03.69	34.92	27.78		1484.4							
	STD	01200	03.54	34.90	27.78	00.633	1484.7							
	OBS	01200	03.54	34.90	27.78		1484.7							
	STD	01300	03.51	34.90	27.78	00.676	1486.2							
	OBS	01300	03.51	34.90	27.78		1486.2							
	STD	01400	03.57	34.90	27.77	00.721	1488.2							
	OBS	01400	03.57	34.90	27.77		1488.2							
	STD	01500	03.60	34.92	27.79	00.766	1490.0							
	OBS	01500	03.60	34.92	27.79		1490.0							

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

MOO C S T A T I C A D A T A

REFID 31 0352	YEAR 1973	DOTLP 01646	AIR TEMP 03.3	U/R MGT PER	WIND-U/R 27	FAST STC RECORDER	TEN SW 1302
CONSEC 0312	MONTH 12	SHIP 00	NET BULB 01.7	28 J 2	WIND-SPO 12	TRACE CIR	5 SQUARE 2
LAT 44 32 N	DAY 01	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FCR	MURATICA	2 SQUARE 40
LONG 048 45 W	MOON 03.2	AREA 05	CLEUD T/A	CL/TB	WEATHER 12	GRIG 03 06212	1 SQUARE 40

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SAD VEL	CATG	PU4	TOT P	NO2	NO3	SIO3	PH
03.2	STJ	00000	02.76	33.23	26.52	00.000	1459.2							
	085	00000	02.76	33.23	26.52		1459.2							
	STC	00010	02.72	33.23	26.52	00.015	1459.2							
	085	00010	02.72	33.23	26.52		1459.2							
	STJ	00020	02.71	33.23	26.52	00.030	1459.3							
	085	00020	02.71	33.23	26.52		1459.3							
	STJ	00030	02.73	33.26	26.54	00.046	1459.6							
	085	00030	02.73	33.26	26.54		1459.6							
	STJ	00050	02.88	33.36	26.61	00.075	1460.7							
	085	00050	02.88	33.36	26.61		1460.7							
	STJ	00075	02.51	33.45	26.71	00.110	1455.6							
	085	00075	02.51	33.45	26.71		1459.6							
	STJ	00100	02.14	33.68	26.93	00.141	1458.7							
	085	00100	02.14	33.68	26.93		1458.7							
	STJ	00125	01.37	33.70	27.00	00.166	1455.5							
	085	00125	01.31	33.61	27.08		1456.5							
	STJ	00129	01.60	34.03	27.23	00.189	1457.8							
	085	00129	01.60	34.03	27.23		1458.2							
	STJ	00150	01.58	34.18	27.37	00.220	1466.5							
	085	00150	01.58	34.18	27.37		1466.5							
	STJ	00165	02.33	34.38	27.47	00.244	1468.8							
	085	00165	02.33	34.38	27.47		1468.8							
	STJ	00175	02.28	34.37	27.47	00.266	1471.0							
	085	00175	02.28	34.37	27.47		1471.0							
	STJ	00200	03.25	34.65	27.60	00.307	1472.8							
	085	00200	03.25	34.65	27.60		1472.8							
	STJ	00250	03.57	34.77	27.67	00.345	1474.4							
	085	00250	03.57	34.77	27.67		1474.4							
	STJ	00300	03.65	34.87	27.72	00.352	1476.0							
	085	00300	03.65	34.87	27.72		1476.0							
	STJ	00400	03.86	34.89	27.73	00.435	1477.0							
	085	00400	03.86	34.89	27.73		1477.0							
	STJ	00500	03.87	34.88	27.73	00.477	1478.3							
	085	00500	03.87	34.88	27.73		1478.3							
	STJ	00600	03.87	34.88	27.73	00.520	1479.9							
	085	00600	03.87	34.88	27.73		1479.9							
	STJ	00700	03.70	34.86	27.74	00.524	1481.3							
	085	00700	03.70	34.86	27.74		1481.3							
	STJ	00800	03.61	34.86	27.75	00.608	1483.0							
	085	00800	03.61	34.86	27.75		1483.0							
	STJ	00900	03.60	34.86	27.75	00.653	1484.6							
	085	00900	03.60	34.86	27.75		1484.6							
	STJ	01000	03.54	34.87	27.75	00.699	1486.2							
	085	01000	03.54	34.87	27.75		1486.2							
	STJ	01100	03.54	34.87	27.75	00.746	1487.9							
	085	01100	03.54	34.87	27.75		1487.9							
	STJ	01200	03.54	34.87	27.75	00.793	1489.6							
	085	01200	03.54	34.87	27.75		1489.6							
	STJ	01300	03.51	34.87	27.75									
	085	01300	03.51	34.87	27.75									
	STJ	01400	03.52	34.87	27.75									
	085	01400	03.52	34.87	27.75									
	STJ	01500	03.52	34.87	27.75									
	085	01500	03.52	34.87	27.75									

TABLE X Observed oceanographic data occupied by USCGC DALLAS (A3-62)
29 November-1 December 1973.—Continued

NOOC STATICA CAT

REFID 31 0352	YEAR 1973	BOTOP 00137	AIR TEMP 03.4	DIA PGT FER	WING-DIR 27	INST STD RECORDER	TEN SU 1306
CONSEC 0013	MONTH 12	SHIP OG	WET BULB 01.7	28 3 2	WING-SPD 12	TRACE CIR E	3 SQUARE 2
LAT 44 35 N	DAY 01	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 03 W	HOUR 05.0	AREA 03	CLCUD T/A	CL/TR	WEATHER A2	ORIG A3 06213	1 SQUARE 49

CASIMN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PW	TCT P	AC2	AC3	SIG3	PH
05.0	STO	0000G	02.06	33.09	26.46	00.000	1455.5							
	DBS	00000	02.06	33.09	26.46		1455.5							
	STO	00010	01.48	33.25	26.63	00.015	1453.7							
	DBS	00010	01.48	33.25	26.63		1453.7							
	STO	00020	- 0.26	33.49	26.92	00.028	1446.3							
	DBS	00020	- 0.26	33.49	26.92		1446.3							
	STO	00030	- 0.46	33.55	26.98	00.035	1445.7							
	DBS	00030	- 0.46	33.55	26.98		1445.7							
	STO	00050	- 0.52	33.56	26.99	00.061	1445.7							
	DBS	00050	- 0.52	33.56	26.99		1445.7							
	STO	00075	- 0.57	33.58	27.01	00.087	1445.4							
	DBS	00075	- 0.57	33.58	27.01		1445.4							
	STO	00100	- 0.57	33.58	27.01	00.114	1446.3							
	DBS	00100	- 0.57	33.58	27.01		1446.3							
	STO	00113	- 0.56	33.57	27.00		1446.6							

REFID 31 0352	YEAR 1973	BOTOP 00008	AIR TEMP 03.3	DIA PGT PER	WING-DIR 27	INST STD RECORDER	TEN SU 1306
CONSEC 0014	MONTH 12	SHIP OG	WET BULB 01.7	28 3 3	WING-SPD 12	TRACE CIR O	3 SQUARE 2
LAT 44 40 N	DAY 01	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 049 20 W	HOUR 06.5	AREA 03	CLCUD T/A	CL/TR	WEATHER A2	ORIG A3 06214	1 SQUARE 49

CASIMN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PW	TCT P	AC2	AC3	SIG3	PH
06.5	STO	00000	01.55	33.14	26.54	00.000	1453.7							
	DBS	00000	01.55	33.14	26.54		1453.7							
	STO	00010	01.50	33.15	26.55	00.015	1453.7							
	DBS	00010	01.50	33.15	26.55		1453.7							
	STO	00020	01.41	33.14	26.55	00.030	1453.4							
	DBS	00020	01.41	33.14	26.55		1453.4							
	STO	00030	01.35	33.15	26.56	00.045	1453.5							
	DBS	00030	01.35	33.15	26.56		1453.5							
	STO	00050	00.69	33.24	26.67	00.074	1450.8							
	DBS	00050	00.69	33.24	26.67		1450.8							
	DBS	00059	00.69	33.24	26.67		1451.0							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.

N O O C S T A T I O N O A T A

REFID 31 655J	YEAR 1973	80TDP 00080	AIR TEMP 08.7	DIR MGT PER	WIND-DIR 18	INST STD RECORDER	TEN SQ 1307
CONSEC 0001	MONTH 11	SHIP MT	WET BULB 08.7	18 4 6	WIND-SPO 26	TRACE DIR	5 SQUARE 1
LAT 43 05 N	DAY 30	DATA USE 1	BAROMETER 1013.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 10 W	MOJR 11.2	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG A4 025	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	04.72	32.40	25.67	00.000	1466.4							
11.2	DBS	00000	04.72	32.40	25.67		1466.4							
	STO	00010	03.53	32.66	26.01	00.022	1461.5							
	DBS	00010	03.53	32.68	26.01		1461.5							
	STO	00020	03.16	32.74	26.09	00.041	1460.6							
	DBS	00020	03.16	32.74	26.09		1460.6							
	STO	00030	02.71	32.77	26.15	00.060	1458.8							
	DBS	00030	02.71	32.77	26.15		1458.8							
	STO	00050	01.66	33.01	26.43	00.095	1454.5							
	DBS	00050	01.66	33.01	26.43		1454.5							
	DBS	00065	01.51	33.06	26.48		1454.5							

REFID 31 655J	YEAR 1973	80TDP 00006	AIR TEMP 10.0	DIR MGT PER	WIND-DIR 18	INST STD RECORDER	TEN SQ 1307
CONSEC 0002	MONTH 11	SHIP MT	WET BULB 08.5	18 6 6	WIND-SPO 25	TRACE DIR	5 SQUARE 1
LAT 43 00 N	DAY 30	DATA USE 1	BAROMETER 1012.0	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	MOJR 12.6	AREA C5	CLOUD 7/A	CL/TR	WEATHER X4	ORIG A4 029	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	03.77	32.62	25.94	00.000	1462.7							
13.6	DBS	00000	03.77	32.62	25.94		1462.7							
	STO	00010	03.23	32.73	26.08	00.020	1460.7							
	DBS	00010	03.23	32.73	26.08		1460.7							
	STO	00020	03.10	32.75	26.11	00.039	1460.3							
	DBS	00020	03.10	32.75	26.11		1460.3							
	STO	00030	02.87	32.62	26.18	00.056	1459.6							
	DBS	00030	02.87	32.62	26.18		1459.6							
	STO	00050	02.51	33.14	26.47	00.092	1458.8							
	DBS	00050	02.51	33.14	26.47		1458.8							
	STO	00075	01.48	33.25	26.63	00.130	1454.8							
	DBS	00075	01.48	33.25	26.63		1454.8							
	DBS	00090	00.41	33.54	26.93		1450.6							

REFID 31 655J	YEAR 1973	80TDP 00765	AIR TEMP 10.5	DIR MGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0003	MONTH 11	SHIP MT	WET BULB 09.5	18 7 7	WIND-SPO 45	TRACE DIR	5 SQUARE 1
LAT 43 50 N	DAY 30	DATA USE 1	BAROMETER 1009.0	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	MOJR 15.3	AREA C5	CLOUD 7/A	CL/TR	WEATHER X4	ORIG A4 025	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
15.3	STO	00000	04.04	33.00	26.22	00.000	1464.3							
	DBS	00000	04.04	33.00	26.22		1464.3							
	STO	00010	02.71	33.10	26.42	00.017	1458.9							
	DBS	00010	02.71	33.10	26.42		1458.9							
	STO	00020	02.04	33.21	26.56	00.033	1456.3							
	DBS	00020	02.04	33.21	26.56		1456.3							
	STO	00030	01.52	33.30	26.67	00.047	1454.3							
	DBS	00030	01.52	33.30	26.67		1454.3							
	STO	00050	00.37	33.35	26.78	00.074	1449.5							
	DBS	00050	00.37	33.35	26.78		1449.5							
	STO	00075	- 0.30	33.42	26.87	00.104	1447.0							
	DBS	00075	- 0.30	33.42	26.87		1447.0							
	STO	00100	- 0.48	33.52	26.96	00.133	1446.7							
	DBS	00100	- 0.48	33.52	26.96		1446.7							
	STO	00115	- 0.66	33.60	27.03		1446.2							
	DBS	00115	- 0.61	33.63	27.05	00.160	1446.6							
	STO	00125	- 0.61	33.63	27.05		1446.6							
	DBS	00125	- 0.52	33.74	27.13	00.184	1447.6							
	STO	00150	- 0.52	33.74	27.13		1447.6							
	DBS	00150	00.52	33.92	27.25	00.225	1453.5							
	STO	00200	03.52	33.92	27.23		1453.5							
	DBS	00200	03.48	34.33	27.33	00.265	1467.5							
	STO	00250	03.48	34.33	27.33		1467.9							
	DBS	00250	03.82	34.35	27.34		1465.6							
	STO	00300	02.23	34.29	27.41	00.306	1463.2							
	DBS	00300	02.23	34.29	27.41		1463.2							
	STO	00323	01.13	34.28	27.41		1463.2							
	DBS	00368	02.97	34.57	27.57		1468.0							
	STO	00403	03.03	34.60	27.55	00.368	1468.8							
	DBS	00400	03.03	34.60	27.55		1468.8							
	STO	00426	03.05	34.63	27.60		1465.3							
	DBS	00500	03.73	34.76	27.64	00.420	1473.6							
	STO	00500	03.73	34.76	27.64		1473.6							
	DBS	00573	03.74	34.77	27.65		1474.9							
	STO	00600	03.86	34.75	27.66	00.470	1473.9							
	DBS	00600	03.86	34.79	27.66		1475.9							
	STO	00613	03.76	34.77	27.65		1475.6							
	DBS	00647	03.95	34.82	27.67		1477.1							
	STO	00700	03.86	34.82	27.68	00.520	1477.6							
	DBS	00700	03.86	34.82	27.68		1477.6							
	STO	00731	03.86	34.81	27.67		1478.1							
	DBS	00742	03.76	34.81	27.68		1477.8							
	DBS	00785	03.76	34.81	27.68		1478.6							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

NOOC STATION DATA

REFID 31 8350	YEAR 1973	80TOP 01353	AIR IEMP 08.9	OIR MGT PER	WIND-OIR 18	INST STO RECORDER	TEN 50 1307
CONSEC 0004	MONTH 11	SHIP HT	NET 6UL8 08.3	23 6 5	WIND-SPO 30	TRACE OIR 0	5 SQUARE 1
LAT 42 40 N	DAY 30	DATA USE 1	BAROMETR 1007.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 14 W	MOJA 17.6	AKCA 05	CLOUD T/A	CL/T/A	WEATHER A4	ORIG A4 029	1 SQUARE 20

CASTNUM/TIME	LYTYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
17.0	STO	00J00	03.53	33.06	26.31	00.000	1462.3							
	085	00000	03.53	33.06	26.31		1462.3							
	STO	00010	02.51	33.15	26.47	00.016	1458.1							
	085	00010	02.51	33.15	26.47		1458.1							
	STO	00020	01.62	33.25	26.62	00.031	1454.5							
	085	00020	01.62	33.25	26.62		1454.5							
	STO	00030	01.37	33.28	26.66	00.045	1453.6							
	085	00030	01.37	33.28	26.66		1453.6							
	STO	00050	00.49	33.36	26.78	00.072	1450.1							
	085	00050	00.49	33.36	26.78		1450.1							
	STO	00075	- 0.86	33.57	27.00	00.101	1445.5							
	085	00075	- 0.86	33.57	27.00		1445.5							
	STO	00100	- 0.74	33.60	27.03	00.128	1445.6							
	085	00100	- 0.74	33.60	27.03		1445.6							
	STO	00125	- 0.67	33.64	27.06	00.153	1446.4							
	085	00125	- 0.67	33.64	27.06		1446.4							
	STO	00150	- 0.59	33.67	27.08	00.178	1447.2							
	085	00150	- 0.59	33.67	27.08		1447.2							
	STO	00187	00.76	33.93	27.22		1454.4							
	085	00200	01.27	33.97	27.22	00.224	1456.6							
	STO	00200	01.27	33.97	27.22		1456.9							
	085	00216	00.28	33.93	27.25		1452.7							
	STO	00250	00.61	34.06	27.34	00.264	1454.9							
	085	00250	00.61	34.06	27.34		1454.9							
	STO	00286	01.87	34.33	27.47		1461.5							
	085	00300	01.97	34.38	27.50	00.298	1462.2							
	STO	00300	01.97	34.38	27.50		1462.2							
	085	00307	02.60	34.59	27.59		1467.7							
	STO	00400	03.21	34.65	27.61	00.355	1469.6							
	085	00400	03.21	34.65	27.61		1469.6							
	STO	00470	03.97	34.80	27.65		1474.2							
	085	00483	03.87	34.77	27.64		1474.0							
	STO	00500	03.85	34.79	27.66	00.405	1474.2							
	085	00500	03.85	34.79	27.66		1474.2							
	STO	00577	03.99	34.84	27.68		1476.1							
	085	00600	03.95	34.83	27.68	00.454	1476.3							
	STO	00600	03.95	34.83	27.68		1476.3							
	085	00654	03.83	34.83	27.69		1476.7							
	STO	00700	03.83	34.83	27.69	00.502	1477.5							
	085	00700	03.83	34.83	27.69		1477.5							
	STO	00800	03.81	34.83	27.69	00.550	1479.0							
	085	00800	03.81	34.83	27.69		1479.0							
	STO	00900	03.75	34.83	27.70	00.598	1480.5							
	085	00900	03.75	34.83	27.70		1480.5							
	STO	01000	03.77	34.85	27.71	00.647	1482.2							
	085	01000	03.77	34.85	27.71		1482.2							
	STO	01100	03.75	34.85	27.71	00.695	1483.8							
	085	01100	03.75	34.85	27.71		1483.8							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

MOOC STATION DATA

REFID 31 0350	YEAR 1973	BOTOP 02120	AIR TEMP 07.8	OIR HGT PER	WIND-DIR 28	INST STO RECORDER	TEM SC 1307
CONSEC 0305	MONTH 11	SHIP MT	WET BULB 07.2	25 7 7	WIND-SPO 22	TRACE OIR 0	5 SQUARE 1
LAT 42 24 N	DAY 30	DATA USE 1	BAROMETR 1010.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 13 W	MOOR 20.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	ORIG A4 029	1 SQUARE 20

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P34	TOT P	MO2	NO3	SIO3	PH
20.9	STD	00000	03.34	33.04	26.31	00.000	1461.4							
	OBS	00030	03.34	33.04	26.31		1461.4							
	STD	00010	02.60	33.02	26.36	00.017	1458.3							
	OBS	00010	02.60	33.02	26.36		1458.3							
	STD	00020	02.40	33.09	26.43	00.033	1457.7							
	OBS	00020	02.40	33.09	26.43		1457.7							
	STD	00030	02.39	33.10	26.44	00.049	1457.9							
	OBS	00030	02.39	33.10	26.44		1457.9							
	STD	00050	02.02	33.10	26.47	00.081	1456.6							
	OBS	00050	02.02	33.10	26.47		1456.6							
	STD	00052	02.02	33.15	26.51		1456.7							
	OBS	00075	00.43	33.45	26.86	00.116	1450.3							
	STD	00075	00.43	33.45	26.86		1450.3							
	OBS	00100	- 0.50	33.75	27.14	00.142	1446.9							
	STD	00100	- 0.50											
	OBS	00125	00.74	33.51	27.21	00.165	1453.2							
	STD	00125	00.74	33.51	27.21		1453.2							
	OBS	00150	00.30	33.53	27.25	00.186	1451.7							
	STD	00150	00.30	33.53	27.25		1451.7							
	OBS	00200	00.78	34.08	27.34	00.225	1454.9							
	STD	00200	00.78	34.08	27.34		1454.9							
	OBS	00250	01.21	34.18	27.39	00.261	1457.8							
	STD	00250	01.21	34.18	27.39		1457.8							
	OBS	00300	02.54	34.50	27.55	00.253	1464.9							
	STD	00300	02.54	34.50	27.55		1464.9							
	OBS	00318	03.79	34.67	27.57		1470.8							
	STD	00335	03.70	34.69	27.59		1470.7							
	OBS	00348	03.34	34.64	27.59		1465.3							
	STD	00364	03.41	34.67	27.60		1465.9							
	OBS	00373	03.36	34.68	27.62		1465.9							
	STD	00400	03.43	34.71	27.63	00.346	1470.6							
	OBS	00400	03.43	34.71	27.63		1470.6							
	STD	00500	03.63	34.75	27.65	00.396	1473.2							
	OBS	00500	03.63	34.75	27.65		1473.2							
	STD	00600	03.71	34.77	27.65	00.446	1475.2							
	OBS	00600	03.71	34.77	27.65		1475.2							
	STD	00700	03.81	34.83	27.67	00.496	1477.3							
	OBS	00700	03.81	34.80	27.67		1477.3							
	STD	00800	03.82	34.80	27.67	00.546	1479.0							
	OBS	00800	03.82	34.80	27.67		1479.0							
	STD	00900	03.82	34.82	27.68	00.556	1480.7							
	OBS	00900	03.82	34.82	27.68		1480.7							
	STD	01000	03.83	34.83	27.69	00.647	1482.5							
	OBS	01000	03.83	34.83	27.69		1482.5							
	STD	01100	03.85	34.84	27.70	00.657	1484.2							
	OBS	01100	03.85	34.84	27.70		1484.2							
	STD	01154	03.91	34.86	27.71		1485.4							
	OBS	01200	03.79	34.85	27.71	00.747	1485.7							
	STD	01200	03.79	34.85	27.71		1485.7							
	OBS	01300	03.75	34.86	27.72	00.757	1487.2							
	STD	01300	03.75	34.86	27.72		1487.2							
	OBS	01371	03.85	34.88	27.73		1488.8							
	STD	01400	03.82	34.87	27.72	00.848	1489.2							
	OBS	01400	03.82	34.87	27.72		1489.2							
	STD	01500	03.83	34.88	27.73	00.899	1490.9							
	OBS	01500	03.83	34.88	27.73		1490.9							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

N O O C S T A T I O N O A T A

REF ID 31 8350	YEAR 1973	BOTOP 02460	AIR TEMP 07.2	OIR MGT PER	WIND-OIR 33	INST STO RECORDER	TEN 50 1307
CONSEC 0006	MONTH 11	SHIP M7	WET BULB 07.2	33 4 5	WIND-SPO 20	TRACE OIR 0	5 SQUARE 1
LAT 42 09 N	DAY 30	DATA USE 1	BAROMETER 1015.2	SEA	WIND-FDA	DURATION	2 SQUARE 20
LONG 050 20 W	MOON 23.9	AREA 05	CLOUD T/A	CL/TIR	WEATHER A6	ORIG A4 025	1 SQUARE 20

C&STNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	QXYG	P04	TOT P	N02	N03	S133	PH
23.5	STO	00000	06.47	32.65	25.65	00.000	1473.5							
	085	00000	06.47	32.69	25.65		1473.5							
	STO	00010	04.58	32.51	26.04	00.021	1468.3							
	085	00010	04.58	32.91	26.04		1468.3							
	STO	00020	03.11	32.93	26.25	00.040	1460.6							
	085	00020	03.11	32.93	26.25		1460.6							
	STO	00030	02.78	33.15	26.45	00.057	1459.6							
	085	00030	02.78	33.15	26.45		1459.6							
	STO	00042	02.36	33.29	26.60		1458.2							
	085	00050	02.23	33.43	26.72	00.086	1457.9							
	STO	00050	02.23	33.43	26.72		1457.9							
	085	00075	01.58	33.78	27.05	00.116	1456.0							
	STO	00075	01.58	33.78	27.05		1456.0							
	085	00100	00.86	34.05	27.34	00.138	1453.6							
	STO	00100	00.86											
	085	00125	01.13	34.29	27.49	00.155	1455.5							
	STO	00125	01.13	34.29	27.49		1455.5							
	085	00150	01.73	34.38	27.52	00.170	1456.7							
	STO	00150	01.73	34.38	27.52		1456.7							
	085	00200	05.16	34.56	27.54	00.198	1466.0							
	STO	00200	05.16	34.56	27.54		1466.0							
	085	00250	03.91	34.73	27.60	00.226	1470.2							
	STO	00250	03.91	34.73	27.60		1470.2							
	085	00300	04.26	34.86	27.67	00.250	1472.7							
	STO	00300	04.26	34.86	27.67		1472.7							
	085	00330	04.80	34.93	27.66		1475.5							
	STO	00400	04.28	34.88	27.68	00.256	1474.5							
	085	00400	04.28	34.88	27.68		1474.5							
	STO	00475	04.05	34.86	27.69		1474.8							
	085	00500	04.28	34.90	27.70	00.342	1476.1							
	STO	00500	04.28	34.90	27.70		1476.1							
	085	00600	03.95	34.88	27.72	00.388	1476.4							
	STO	00600	03.95	34.88	27.72		1476.4							
	085	00675	03.80	34.87	27.73		1477.0							
	STO	00700	03.85	34.88	27.73	00.432	1477.6							
	085	00700	03.85	34.88	27.73		1477.6							
	STO	00800	03.84	34.88	27.73	00.477	1475.2							
	085	00800	03.84	34.88	27.73		1475.2							
	STO	00900	03.67	34.87	27.74	00.521	1480.2							
	085	00900	03.67	34.87	27.74		1480.2							
	STO	01000	03.67	34.87	27.74	00.567	1481.8							
	085	01000	03.67	34.87	27.74		1481.8							
	STO	01100	03.67	34.88	27.75	00.612	1483.5							
	085	01100	03.67	34.88	27.75		1483.5							
	STO	01200	03.68	34.88	27.75	00.658	1485.2							
	085	01200	03.68	34.88	27.75		1485.2							
	STO	01300	03.65	34.89	27.75	00.705	1487.0							
	085	01300	03.65	34.89	27.75		1487.0							
	STO	01400	03.71	34.90	27.76	00.752	1488.8							
	085	01400	03.71	34.90	27.76		1488.8							
	STO	01500	03.75	34.91	27.76	00.799	1490.6							
	085	01500	03.75	34.91	27.76		1490.6							
	STO	01750	03.71	34.95	27.80	00.917	1494.7							
	085	01750	03.71	34.95	27.80		1494.7							
	STO	02000	03.57	34.95	27.81	01.033	1498.4							
	085	02000	03.57	34.95	27.81		1498.4							
	STO	02500	03.12	34.94	27.85	01.260	1505.0							
	085	02500	03.12	34.94	27.85		1505.0							
	STO	03000	02.72	34.94	27.87	01.475	1511.9							
	085	03000	02.72	34.92	27.87		1511.9							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

M O D C S T A T I O N O A T A

REFID 31	8350	YEAR 1973	60TOP 03546	AIR TEMP 08.8	OIR MGT PER	WIND-OIR 33	INST STO RECORDER	YEN 14 1307
CONSEC 0007	MONTH 12	SHIP HT	WE7 BULB 07.4	18 3 5	WIND-SPO 18	TRACE OIR	0	9 SQUARE 1
LAT 41 49 N	DAY 01	DATA USE 1	BAROMETER 1015.8	SEA	WIND-FOR	DURATION		2 SQUARE 00
LONG 050 23 W	MOJR 03.7	ARER 05	CLOUD 7/A	CL/TIR	WEATHER X6	ORIG. 44 029		1 SQUARE 10

CASNUM/TIME	LVL/TYP	DEP/TH	TEMP	SAL	SIGMA-T	OYNOP/TH	SND VEL	OXYG	P34	TOT P ₁	NO2	NO3	SIO3	PH
03.7	STO	00000	06.75	32.67	25.64	00.000	1475.3							
	085	00000	06.75	32.67	25.64		1475.0							
	STO	00010	06.60	32.65	25.60	00.023	1474.6							
	085	00010	06.60	32.65	25.60		1474.6							
	STO	00020	06.26	32.72	25.74	00.046	1473.4							
	085	00020	06.26	32.72	25.74		1473.4							
	STO	00030	05.75	32.75	25.82	00.069	1471.7							
	085	00030	05.75	32.75	25.82		1471.7							
	STO	00050	04.30	32.93	26.13	00.109	1466.2							
	085	00050	04.30	32.93	26.13		1466.2							
	STO	00075	02.46	33.33	26.62	00.151	1459.2							
	085	00075	02.46	33.33	26.62		1459.2							
	STO	00100	01.25	33.81	27.10	00.181	1454.9							
	085	00100	01.25	33.81	27.10		1454.9							
	STO	00112	01.73	34.03	27.24		1457.6							
	085	00112	01.73	34.03	27.24		1457.6							
	STO	00125	01.27	33.99	27.24	00.204	1455.7							
	085	00125	01.27	33.99	27.24		1455.7							
	STO	00150	01.47	34.10	27.38	00.223	1457.3							
	085	00150	01.47	34.10	27.38		1457.3							
	STO	00200	03.74	34.64	27.55	00.255	1468.6							
	085	00200	03.74	34.64	27.55		1468.6							
	STO	00211	04.66	34.80	27.58		1472.8							
	085	00211	04.66	34.80	27.58		1472.8							
	STO	00226	04.50	34.79	27.59		1472.4							
	085	00226	04.50	34.79	27.59		1472.4							
	STO	00245	04.56	34.80	27.59		1473.0							
	085	00245	04.56	34.80	27.59		1473.0							
	STO	00250	04.90	34.88	27.61	00.282	1474.6							
	085	00250	04.90	34.88	27.61		1474.6							
	STO	00256	05.19	34.93	27.62		1475.9							
	085	00256	05.19	34.93	27.62		1475.9							
	STO	00285	04.91	34.85	27.59		1475.1							
	085	00285	04.91	34.85	27.59		1475.1							
	STO	00300	05.23	34.95	27.63	00.308	1476.8							
	085	00300	05.23	34.95	27.63		1476.8							
	STO	00320	05.10	34.92	27.62		1476.6							
	085	00320	05.10	34.92	27.62		1476.6							
	STO	00332	05.16	34.93	27.62		1477.0							
	085	00332	05.16	34.93	27.62		1477.0							
	STO	00351	04.92	34.92	27.64		1476.4							
	085	00351	04.92	34.92	27.64		1476.4							
	STO	00400	04.66	34.85	27.65	00.358	1476.0							
	085	00400	04.66	34.85	27.65		1476.0							
	STO	00500	04.18	34.87	27.69	00.400	1475.7							
	085	00500	04.18	34.87	27.69		1475.7							
	STO	00600	04.13	34.85	27.71	00.453	1477.2							
	085	00600	04.13	34.85	27.71		1477.2							
	STO	00700	04.01	34.85	27.72	00.498	1478.3							
	085	00700	04.01	34.85	27.72		1478.3							
	STO	00800	03.97	34.85	27.72	00.544	1479.8							
	085	00800	03.97	34.85	27.72		1479.8							
	STO	00900	03.90	34.90	27.74	00.589	1481.2							
	085	00900	03.90	34.90	27.74		1481.2							
	STO	01000	03.84	34.90	27.74	00.634	1482.6							
	085	01000	03.84	34.90	27.74		1482.6							
	STO	01100	03.68	34.88	27.75	00.680	1483.6							
	085	01100	03.68	34.88	27.75		1483.6							
	STO	01200	03.67	34.88	27.75	00.726	1485.2							
	085	01200	03.67	34.88	27.75		1485.2							
	STO	01300	03.70	34.89	27.75	00.773	1487.0							
	085	01300	03.70	34.89	27.75		1487.0							
	STO	01400	03.67	34.89	27.75	00.820	1488.6							
	085	01400	03.67	34.89	27.75		1488.6							
	STO	01500	03.70	34.92	27.78	00.867	1490.4							
	085	01500	03.70	34.92	27.78		1490.4							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

N O O C S T A T I O N O R T A

REFID 51 8350	YEAR 1973	BOTOP 03475	AIR TEMP 09.5	DIR MGT PER	WIND-DIR 15	INST STO RECORDER	TEN 54 1307
CONSEC 0000	MONTH 12	SHIP MT	WET BULB 08.0	10 6 5	WIND-SPD 12	TRACE DIR 0	5 SQUARE 1
LAT 41 20 N	DAY 01	DATA USE 1	BAROMETR 1017.8	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 20 W	MOJA 07.8	AREA 05	CLOUD T/A	CL/T/A	WEATHER X0	ORIG A4 029	1 SQUARE 10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	P04	TOT P	MO2	MO3	S103	PH
07.8	STO	00000	07.88	32.39	25.27	00.000	1475.1							
085	00000	07.88	32.35	25.27			1475.1							
085	00006	06.60	32.43	25.47			1474.2							
STO	00010	06.03	32.58	25.88	00.024		1463.5							
085	00010	06.03	32.58	25.88			1463.9							
085	00016	03.96	32.66	25.55			1463.6							
STO	00020	03.33	32.73	26.07	00.045		1461.3							
085	00020	03.33	32.73	26.07			1461.3							
085	00026	02.73	32.61	26.26			1459.0							
STO	00030	02.41	33.01	26.37	00.063		1457.8							
085	00030	02.41	33.01	26.37			1457.8							
085	00039	02.27	33.18	26.52			1457.6							
STO	00050	01.35	33.33	26.70	00.093		1453.9							
085	00050	01.35	33.33	26.70			1453.5							
085	00062	00.51	33.45	26.85			1450.5							
STO	00075	00.26	33.78	27.13	00.121		1450.0							
085	00075	00.26	33.78	27.13			1450.0							
STO	00100	01.26	34.02	27.26	00.144		1455.3							
085	00100	01.26	34.02	27.26			1455.3							
STO	00125	02.12	34.26	27.39	00.163		1459.8							
085	00125	02.12	34.26	27.39			1459.8							
STO	00150	02.51	34.48	27.50	00.179		1464.0							
085	00150	02.51	34.48	27.50			1464.0							
085	00180	05.63	34.93	27.57			1470.5							
STO	00200	03.74	34.73	27.62	00.206		1468.7							
085	00200	03.74	34.73	27.62			1468.7							
085	00208	03.65	34.76	27.65			1468.5							
STO	00250	04.28	34.84	27.65	00.231		1471.9							
085	00250	04.28	34.84	27.65			1471.9							
STO	00300	03.73	34.82	27.69	00.254		1470.4							
085	00300	03.73	34.82	27.69			1470.4							
085	00351	03.03	34.86	27.71			1471.7							
STO	00400	03.52	34.89	27.73	00.296		1473.0							
085	00400	03.92	34.89	27.73			1473.0							
085	00425	03.54	34.89	27.73			1473.5							
085	00451	04.36	34.97	27.75			1475.8							
085	00490	03.81	34.89	27.74			1474.0							
STO	00500	03.99	34.92	27.75	00.358		1474.9							
085	00500	03.99	34.92	27.75			1474.9							
085	00532	04.01	34.54	27.76			1475.6							
085	00542	04.15	34.56	27.76			1476.4							
085	00551	04.46	35.32	27.77			1477.9							
STO	00600	03.71	34.50	27.76	00.378		1475.4							
085	00600	03.71	34.90	27.76			1475.4							
085	00650	03.73	34.91	27.76			1476.3							
STO	00700	03.69	34.91	27.77	00.418		1477.0							
085	00700	03.69	34.91	27.77			1477.0							
085	00750	03.74	34.92	27.77			1478.0							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

NOOC STATION DATA

REFID 31 8550	YEAR 1973	BOTOP 0-155	AIR TEMP 15.6	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	TEN SU 1307
CENLIC 0009	MOYTH 12	SHIP HT	WET BULB 13.3	25 3 3	WIND-SPO 20	TRACE DIR 0	5 SQUARE 1
LAT 43 50 N	DAY 31	DATA USE 1	BAROMETR 1018.3	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 150 20 W	MOJR 12-1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A4 029	1 SQUARE 00

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDP TH	SNO VEL	DAYG	P04	TOT P	NO2	NO3	SIO3	PH
12.1	STO	00000	19.45	36.07	25.74	00.000	1521.9							
	OBS	00000	19.45	36.07	25.74		1521.9							
	STO	00010	19.30	36.00	25.73	00.023	1521.5							
	OBS	00010	19.30	36.00	25.73		1521.5							
	STO	00020	18.94	35.89	25.73	00.045	1520.6							
	OBS	00020	18.94	35.89	25.73		1520.6							
	STO	00030	18.73	35.86	25.76	00.068	1520.1							
	OBS	00030	18.73	35.86	25.76		1520.1							
	STO	00050	18.75	35.90	25.79	00.113	1520.5							
	OBS	00050	18.75	35.90	25.79		1520.5							
	STO	00075	18.77	35.91	25.79	00.165	1521.0							
	OBS	00075	18.77	35.91	25.79		1521.0							
	STO	00100	18.61	35.84	25.78	00.225	1520.9							
	OBS	00100	18.61	35.84	25.78		1520.9							
	OBS	00113	18.47	35.84	25.82		1520.7							
	STO	00125	18.65	36.14	25.95	00.260	1522.3							
	OBS	00125	18.65	36.14	25.95		1522.3							
	STO	00150	18.63	36.39	26.20	00.330	1522.4							
	OBS	00150	18.63	36.39	26.20		1522.4							
	STO	00200	18.16	35.97	26.47	00.416	1515.5							
	OBS	00200	18.16	35.97	26.47		1515.5							
	OBS	00215	18.33	36.12	26.55		1516.5							
	STO	00250	18.01	36.05	26.60	00.456	1516.0							
	OBS	00250	18.01	36.09	26.60		1516.0							
	STO	00300	14.69	35.86	26.72	00.570	1512.4							
	OBS	00300	14.69	35.86	26.72		1512.4							
	OBS	00345	14.21	35.82	26.79		1511.5							
	OBS	00364	13.85	35.72	26.79		1510.5							
	STO	00400	12.95	35.64	26.92	00.704	1508.1							
	OBS	00400	12.95	35.64	26.92		1508.1							
	OBS	00437	11.37	35.36	27.01		1502.9							
	STO	00500	10.36	35.27	27.12	00.820	1500.2							
	OBS	00500	10.36	35.27	27.12		1500.2							
	OBS	00522	09.75	35.15	27.16		1498.3							
	STO	00600	08.27	35.07	27.31	00.918	1493.9							
	OBS	00600	08.27	35.07	27.31		1493.9							
	OBS	00648	07.12	34.92	27.36		1490.1							
	OBS	00687	06.78	34.97	27.45		1489.5							
	STO	00700	06.30	34.92	27.47	00.998	1487.7							
	OBS	00700	06.30	34.92	27.47		1487.7							
	OBS	00717	06.86	35.12	27.55		1490.5							
	OBS	00746	06.56	35.05	27.57		1489.7							
	OBS	00762	06.61	35.12	27.59		1490.2							
	STO	00800	06.50	35.11	27.59	01.066	1490.4							
	OBS	00800	06.50	35.11	27.59		1490.4							
	OBS	00830	06.22	35.11	27.63		1489.8							
	OBS	00849	05.77	35.03	27.63		1488.2							
	STO	00900	05.52	35.04	27.67	01.125	1488.0							
	OBS	00900	05.52	35.04	27.67		1488.0							
	STO	01000	05.12	35.03	27.71	01.176	1488.1							
	OBS	01000	05.12	35.03	27.71		1488.1							
	STO	01100	04.82	35.01	27.73	01.230	1488.5							
	OBS	01100	04.82	35.01	27.73		1488.5							
	STO	01200	04.64	35.01	27.75	01.280	1489.4							
	OBS	01200	04.64	35.01	27.75		1489.4							
	STO	01300	04.53	35.01	27.76	01.325	1490.6							
	OBS	01300	04.53	35.01	27.76		1490.6							
	STO	01400	04.40	35.00	27.76	01.376	1491.8							
	OBS	01400	04.40	35.00	27.76		1491.8							
	OBS	01471	04.34	35.00	27.77		1492.7							
	OBS	01482	04.24	34.98	27.77		1492.4							
	STO	01500	04.23	34.98	27.77	01.426	1492.7							
	OBS	01500	04.23	34.98	27.77		1492.7							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

MOCC STATION DATA

REFID 31 8350	YEAR 1973	BOATOP 03023	AIR TEMP 17.7	DIR MGT PER	WIND-DIR 17	INST STD RECORDER	TEN SQ 1307
CONSEC 0010	MONTH 12	SHIP M7	WET BULB 15.5	17 2 2	WIND-SPD 25	TRACE DIR 0	5 SQUARE 1
LAT 43 35 N	DAY 31	DATA USE 1	BAROMETER 1015.6	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 20 W	MOJR 15.9	AREA 05	CLOUD T/A	CL/T/A	WEATHER X1	ORIG A4 029	1 SQUARE 00

CASSTNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	QATG	P34	TOT P	M02	M03	S103	PM
15.9	STD	00000	20.70	36.33	25.61	00.000	1525.6							
	085	00000	20.70	36.33	25.61		1525.6							
	STD	00010	20.70	36.33	25.61	00.024	1525.7							
	085	00010	20.70	36.33	25.61		1525.7							
	STD	00020	20.70	36.33	25.61	00.048	1525.9							
	085	00020	20.70	36.33	25.61		1525.9							
	STD	00030	20.70	36.33	25.61	00.072	1526.1							
	085	00030	20.70	36.33	25.61		1526.1							
	STD	00050	20.70	36.32	25.60	00.120	1526.4							
	085	00050	20.70	36.32	25.60		1526.4							
	STD	00075	20.70	36.32	25.60	00.181	1526.8							
	085	00075	20.70	36.32	25.60		1526.8							
	STD	00100	20.71	36.32	25.60	00.241	1527.2							
	085	00100	20.71	36.32	25.60		1527.2							
	STD	00122	20.72	36.32	25.59		1527.6							
	085	00125	20.64	36.38	25.66	00.302	1527.5							
	STD	00125	20.64	36.38	25.66		1527.5							
	085	00150	19.92	36.51	25.95	00.358	1526.1							
	STD	00150	19.92	36.51	25.95		1526.1							
	085	00177	19.23	36.46	26.09		1524.6							
	STD	00200	18.82	36.46	26.20	00.458	1523.9							
	085	00200	18.82	36.46	26.20		1523.9							
	STD	00236	18.20	36.44	26.34		1522.7							
	085	00250	18.05	36.43	26.37	00.550	1522.5							
	STD	00250	18.05	36.43	26.37		1522.5							
	085	00300	17.74	36.42	26.44	00.636	1522.4							
	STD	00300	17.74	36.42	26.44		1522.4							
	085	00400	16.97	36.33	26.56	00.602	1521.6							
	STD	00400	16.97	36.33	26.56		1521.6							
	085	00459	16.02	36.12	26.62		1519.5							
	STD	00481	15.43	36.04	26.69		1517.9							
	085	00500	14.85	35.52	26.72	00.957	1516.4							
	STD	00530	14.89	35.92	26.72		1516.4							
	085	00527	14.19	35.81	26.79		1514.4							
	STD	00540	13.85	35.77	26.83		1513.5							
	085	00600	12.78	35.61	26.93	01.096	1510.7							
	STD	00600	12.78	35.61	26.93		1510.7							
	085	00700	10.08	35.28	27.18	01.213	1502.5							
	STD	00700	10.08	35.28	27.18		1502.5							
	085	00800	07.82	35.05	27.36	01.309	1495.5							
	STD	00800	07.82	35.05	27.36		1495.5							
	085	00900	06.49	34.94	27.46	01.391	1491.8							
	STD	00900	06.49	34.94	27.46		1491.8							
	085	00926	06.11	34.95	27.52		1490.7							
	STD	00939	05.94	34.91	27.51		1490.2							
	085	01000	05.31	34.95	27.62	01.459	1488.7							
	STD	01000	05.31	34.95	27.62		1488.7							
	085	01073	04.59	34.91	27.67		1486.9							
	STD	01100	04.67	34.94	27.69	01.516	1487.8							
	085	01100	04.67	34.94	27.69		1487.8							
	STD	01157	04.37	34.95	27.71		1488.3							
	085	01200	04.40	34.93	27.71	01.569	1488.3							
	STD	01200	04.40	34.93	27.71		1488.3							
	085	01256	04.29	34.92	27.71		1488.8							
	STD	01270	04.47	34.97	27.73		1489.8							
	085	01300	04.36	34.94	27.72	01.621	1489.8							
	STD	01300	04.36	34.94	27.72		1489.8							
	085	01330	04.66	34.99	27.73		1491.6							
	STD	01400	04.49	34.98	27.74	01.673	1492.1							
	085	01400	04.49	34.98	27.74		1492.1							
	STD	01500	04.42	34.95	27.75	01.724	1493.5							
	085	01500	04.42	34.95	27.75		1493.5							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 R150 YEAR 1973 BOTOP 05224 AIR TEMP 18.3 DIR HGT PER WIND-DIR 21 INST STD RECORDER TEN SQ 1207
CONSEC 0011 MONTH 12 SHIP MT WET BULB 13.9 WIND-SPO 23 TRACE DIR D 5 SQUARE 3
LAT 39 39 N DAY 01 DATA USE 1 BAROMETR 0957.6 SEA CLYTR WIND-FOR DURATION 2 SQUARE 80
LONG 050 20 W HOUR 20.2 AREA 05 CLOUD T/A WEATHER A1 ORIG_44 025 1 SQUARE 90

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
20.2	STO	00000	20.13	36.23	25.68	00.000	1523.5							
	OBS	00000	20.13	36.23	25.68		1523.9							
	STO	00010	20.14	36.23	25.68	00.023	1524.1							
	OBS	00010	20.14	36.23	25.68		1524.1							
	STO	00020	20.14	36.23	25.68	00.046	1524.3							
	OBS	00020	20.14	36.23	25.68		1524.3							
	STO	00030	20.14	36.23	25.68	00.070	1524.4							
	OBS	00030	20.14	36.23	25.68		1524.4							
	STO	00050	20.15	36.23	25.68	00.116	1524.8							
	OBS	00050	20.15	36.23	25.68		1524.8							
	STO	00075	20.15	36.22	25.67	00.175	1525.2							
	OBS	00075	20.15	36.22	25.67		1525.2							
	STO	00100	20.13	36.22	25.68	00.234	1525.6							
	OBS	00100	20.13	36.22	25.68		1525.6							
	STO	00125	20.11	36.24	25.70	00.293	1525.9							
	OBS	00125	20.11	36.24	25.70		1525.9							
	STO	00150	19.14	36.38	26.06	00.348	1523.8							
	OBS	00150	19.14	36.38	26.06		1523.8							
	STO	00200	18.27	36.37	26.27	00.444	1522.2							
	OBS	00200	18.27	36.37	26.27		1522.2							
	STO	00250	17.66	36.20	26.29	00.535	1521.0							
	OBS	00250	17.66	36.20	26.29		1521.0							
	STO	00300	17.23	36.25	26.44	00.623	1520.7							
	OBS	00300	17.23	36.25	26.44		1520.7							
	STO	00400	15.50	36.04	26.68	00.783	1516.8							
	OBS	00400	15.50	36.04	26.68		1516.8							
	STO	00500	13.54	35.66	26.81	00.928	1511.7							
	OBS	00500	13.54	35.66	26.81		1511.7							
	STO	00600	11.52	35.40	27.01	01.057	1506.2							
	OBS	00600	11.52	35.40	27.01		1506.2							
	STO	00700	09.30	35.11	27.17	01.170	1496.5							
	OBS	00700	09.30	35.11	27.17		1496.5							
	STO	00800	07.55	35.01	27.37	01.265	1494.4							
	OBS	00800	07.55	35.01	27.37		1494.4							
	STO	00900	05.21	34.82	27.53	01.341	1486.5							
	OBS	00900	05.21	34.82	27.53		1486.5							
	STO	00944	05.60	34.93	27.57		1488.9							
	OBS	01000	05.08	34.92	27.62	01.405	1487.8							
	STO	01000	05.08	34.92	27.62		1487.8							
	OBS	01040	04.85	34.92	27.65		1487.5							
	STO	01100	05.36	35.05	27.69	01.462	1490.7							
	OBS	01100	05.36	35.05	27.69		1490.7							
	STO	01200	05.03	35.04	27.72	01.515	1491.0							
	OBS	01200	05.03	35.04	27.72		1491.0							
	STO	01300	04.77	35.02	27.74	01.567	1491.6							
	OBS	01300	04.77	35.02	27.74		1491.6							
	STO	01400	04.57	35.00	27.75	01.618	1492.5							
	OBS	01400	04.57	35.00	27.75		1492.5							
	STO	01500	04.35	34.98	27.75	01.665	1493.2							
	OBS	01500	04.35	34.98	27.75		1493.2							
	STO	01750	04.15	34.99	27.78	01.794	1496.6							
	OBS	01750	04.15	34.99	27.78		1496.6							
	STO	02000	03.52	34.97	27.79	01.919	1495.8							
	OBS	02000	03.52	34.97	27.79		1495.8							
	STO	02500	03.52	34.97	27.63	02.164	1506.7							
	OBS	02500	03.52	34.97	27.63		1506.7							
	STO	03000	03.17	34.96	27.86	02.401	1513.8							
	OBS	03000	03.17	34.96	27.86		1513.8							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

N O D C S T A T I O N O A T A

REFID 31 8350	YEAR 1973	BOTOP 04962	AIR TEMP 17.2	DIR HGT PER	WIND-DIR 20	INST STO RECORDER	TEN SQ 1207
CONSEC 0012	MONTH 12	SHIP MT	WET BULB 14.4	18 2 3	WIND-SPD 22	TRACE DIR 0	5 SQUARE 5
LAT 35 20 N	DAY 02	DATA USE 1	BAROMETR 1012.5	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	MOOR 02.7	AREA 05	CLOUD T/A	CL/TR	WEATHER AI	ORIG A4 025	1 SQUARE 90

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	QXYG	P04	TOT P	MO2	MO3	SIO3	PH
02.7	STO	00000	18.28	35.65	25.72	00.000	1516.1							
	08S	00000	18.26	35.65	25.72		1518.1							
	STO	00010	18.38	35.64	25.69	00.023	1518.5							
	08S	00010	18.38	35.64	25.69		1518.5							
	STO	00020	18.29	35.68	25.74	00.046	1518.5							
	08S	00020	18.29	35.68	25.74		1518.5							
	STO	00030	18.34	35.67	25.72	00.069	1518.8							
	08S	00030	18.34	35.67	25.72		1518.8							
	STO	00050	18.47	35.72	25.72	00.115	1519.5							
	08S	00050	18.47	35.72	25.72		1519.5							
	STO	00075	18.69	35.78	25.71	00.172	1520.6							
	08S	00075	18.69	35.78	25.71		1520.6							
	STO	00100	18.77	35.81	25.72	00.230	1521.3							
	08S	00100	18.77	35.81	25.72		1521.3							
	STO	00125	17.06	35.85	26.20	00.283	1516.8							
	08S	00125	17.06	35.89	26.20		1516.8							
	STO	00150	15.92	35.85	26.44	00.327	1513.8							
	08S	00150	15.92	35.85	26.44		1513.8							
	STO	00177	14.20	35.58	26.61		1508.4							
	08S	00200	14.44	35.78	26.71	00.403	1509.8							
	STO	00200	14.44	35.78	26.71		1509.8							
	08S	00208	14.81	35.52	26.74		1511.3							
	STO	00250	13.87	35.68	26.76	00.472	1508.7							
	08S	00250	13.87	35.68	26.76		1508.7							
	STO	00300	13.22	35.63	26.85	00.538	1507.3							
	08S	00300	13.22	35.63	26.85		1507.3							
	STO	00400	10.91	35.53	27.07	00.658	1503.6							
	08S	00400	10.91	35.53	27.07		1503.6							
	STO	00500	09.50	35.17	27.22	00.761	1496.2							
	08S	00500	09.50	35.17	27.22		1496.2							
	STO	00600	07.52	35.05	27.40	00.848	1491.0							
	08S	00600	07.52	35.05	27.40		1491.0							
	STO	00700	06.39	35.05	27.56	00.919	1488.2							
	08S	00700	06.39	35.05	27.56		1488.2							
	STO	00741	06.06	35.04	27.60		1487.6							
	08S	00755	05.93	35.03	27.61		1487.2							
	STO	00800	05.67	35.05	27.65	00.979	1487.0							
	08S	00800	05.67	35.05	27.65		1487.0							
	STO	00826	05.68	35.06	27.66		1487.5							
	08S	00887	05.36	35.03	27.68		1487.2							
	STO	00900	05.41	35.06	27.69	01.031	1487.6							
	08S	00900	05.41	35.06	27.69		1487.6							
	STO	00951	05.13	35.03	27.70		1487.3							
	08S	01000	05.00	35.03	27.72	01.084	1487.6							
	STO	01000	05.00	35.03	27.72		1487.6							
	08S	01035	04.96	35.04	27.73		1488.0							
	STO	01050	04.94	35.04	27.74		1488.2							
	08S	01100	04.74	35.01	27.73	01.134	1488.2							
	STO	01100	04.74	35.01	27.73		1488.2							
	08S	01200	04.55	35.01	27.76	01.183	1485.0							
	STO	01200	04.55	35.01	27.76		1485.0							
	08S	01300	04.30	34.98	27.76	01.231	1485.6							
	STO	01300	04.30	34.98	27.76		1485.6							
	08S	01400	04.24	34.98	27.77	01.279	1491.1							
	STO	01400	04.24	34.98	27.77		1491.1							
	08S	01500	04.17	34.97	27.77	01.328	1492.4							
	STO	01500	04.17	34.97	27.77		1492.4							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

N Q O C S T A T I O N D A T A

REFIC 31	#553	YEAR 1973	60TOP 0521#	AIR TEMP 15.5	DIR HGT PER	WIND-DIR 21	INST 370 RECDAOER	TEN SQ 1207
CONSEC	0013	MONTH 12	SHIP MT	WE7 BULB 13.3	18 3 4	WIND-SPD 22	TRACE DIR	5 SQUARE 5
LAT 38 50 N	DAY 02		DATA USE 1	BAROMETR 1005.0	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	MOOR 36.6		AREA 05	CLOUD 7/A	CL/TA	WEATHER A1	ORIG A4 029	1 SQUARE 80

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOP7M	SND VEL	DAYG	PD4	TOT P	NO2	NO3	SI03	PH
00.6	ST0	00000	17.72	35.56	25.79	00.000	1516.3							
	085	00000	17.72	35.56	25.79		1516.3							
	ST0	00010	17.73	35.56	25.79	00.022	1516.5							
	085	00010	17.73	35.56	25.79		1516.5							
	ST0	00020	17.73	35.56	25.79	00.044	1516.7							
	085	00020	17.73	35.56	25.79		1516.7							
	ST0	00030	17.74	35.56	25.78	00.067	1516.9							
	085	00030	17.74	35.56	25.78		1516.9							
	ST0	00050	17.72	35.55	25.78	00.112	1517.1							
	085	00050	17.72	35.55	25.78		1517.2							
	ST0	00075	17.00	35.34	25.79	00.168	1515.2							
	085	00075	17.00	35.34	25.79		1515.2							
	ST0	00100	16.97	35.56	25.97	00.221	1515.8							
	085	00100	16.97	35.56	25.97		1515.8							
	ST0	00125	15.85	35.87	26.47	00.268	1513.2							
	085	00125	15.85	35.87	26.47		1513.2							
	ST0	00150	15.14	35.81	26.58	00.307	1511.3							
	085	00150	15.14	35.81	26.58		1511.3							
	ST0	00179	14.04	35.70	26.74	00.375	1508.4							
	085	00200	14.04	35.70	26.74		1508.4							
	ST0	00250	13.37	35.62	26.82	00.446	1507.0							
	085	00250	13.37	35.62	26.82		1507.0							
	ST0	00300	12.50	35.52	26.91	00.509	1504.7							
	085	00300	12.50	35.52	26.91		1504.7							
	ST0	00374	10.94	35.37	27.09	00.623	1499.3							
	085	00400	10.55	35.31	27.12		1499.3							
	ST0	00500	08.62	35.12	27.29	00.720	1493.6							
	085	00500	08.62	35.12	27.29		1493.6							
	ST0	00600	07.26	35.06	27.45	00.802	1490.0							
	085	00600	07.26	35.06	27.45		1490.0							
	ST0	00700	06.15	35.04	27.59	00.869	1487.3							
	085	00700	06.15	35.04	27.59		1487.3							
	ST0	00732	05.52	35.03	27.61	00.927	1486.5							
	085	00800	05.55	35.03	27.65		1486.5							
	ST0	00900	05.19	35.02	27.69	00.981	1486.7							
	085	00900	05.19	35.02	27.69		1486.7							
	ST0	01000	04.84	35.01	27.72	01.032	1486.9							
	085	01000	04.84	35.01	27.72		1486.9							
	ST0	01100	04.75	35.03	27.75	01.081	1488.2							
	085	01100	04.75	35.03	27.75		1488.2							
	ST0	01200	04.52	35.01	27.76	01.129	1488.5							
	085	01200	04.52	35.01	27.76		1488.5							
	ST0	01300	04.36	35.00	27.77	01.177	1489.9							
	085	01300	04.36	35.00	27.77		1489.9							
	ST0	01400	04.27	34.99	27.77	01.224	1491.2							
	085	01400	04.27	34.99	27.77		1491.2							
	ST0	01500	04.13	34.98	27.78	01.272	1492.5							
	085	01500	04.13	34.98	27.78		1492.5							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

N D O C S T A T I O N D A T A

REFID 31 8150	YEAR 1973	BDTDP 04113	AIR TEMP 17.2	DIR HGT PER	WIND-DIR 24	INST STD RECORDER	TE4 SJ 1207
CONSEC 0014	MONTH 12	SHIP MT	WET BULB 16.7	24 4 5	WIND-SPD 25	TRACE DIR D	5 SQUARE 3
LAT 38 20 N	DAY 02	DATA USE 1	64RDHETR 1010.5	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 150 20 W	MOJA 10.8	AREA 05	CLOUD 7/A	CL/TR	WEATHER X8	DRIG A4 029	1 SQUARE 80

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	ND2	ND3	SID3	PH
10.8	STD	00000	20.78	36.29	25.55	00.000	1525.7							
	OBS	00000	20.78	36.29	25.55		1525.7							
	STD	00010	20.78	36.29	25.55	00.024	1525.9							
	OBS	00010	20.78	36.29	25.55		1525.9							
	STD	00020	20.78	36.29	25.55	00.049	1526.1							
	OBS	00020	20.78	36.29	25.55		1526.1							
	STD	00030	20.77	36.29	25.56	00.073	1526.2							
	OBS	00030	20.77	36.29	25.56		1526.2							
	STD	00050	20.44	36.27	25.63	00.122	1525.6							
	OBS	00050	20.44	36.27	25.63		1525.6							
	STD	00075	20.29	36.30	25.69	00.181	1525.7							
	OBS	00075	20.29	36.30	25.69		1525.7							
	STD	00090	19.92	36.17	25.69		1524.8							
	OBS	00090	19.92	36.17	25.69		1524.8							
	STD	00100	19.92	36.18	25.70	00.239	1524.9							
	OBS	00100	19.92	36.18	25.70		1524.9							
	STD	00112	19.69	36.19	25.69		1525.3							
	OBS	00112	19.69	36.19	25.69		1525.3							
	STD	00120	19.92	36.25	25.75		1525.3							
	OBS	00120	19.92	36.25	25.75		1525.3							
	STD	00125	20.01	36.36	25.81	00.296	1525.8							
	OBS	00125	20.01	36.36	25.81		1525.8							
	STD	00150	19.64	36.51	26.03	00.350	1525.4							
	OBS	00150	19.64	36.51	26.03		1525.4							
	STD	00171	19.02	36.37	26.08		1523.8							
	OBS	00171	19.02	36.37	26.08		1523.8							
	STD	00200	18.29	36.37	26.27	00.447	1522.2							
	OBS	00200	18.29	36.37	26.27		1522.2							
	STD	00227	17.94	36.41	26.38		1521.7							
	OBS	00227	17.94	36.41	26.38		1521.7							
	STD	00250	16.79	36.15	26.46	00.534	1518.4							
	OBS	00250	16.79	36.15	26.46		1518.4							
	STD	00264	16.36	36.07	26.50		1517.2							
	OBS	00264	16.36	36.07	26.50		1517.2							
	STD	00280	16.53	36.18	26.55		1518.2							
	OBS	00280	16.53	36.18	26.55		1518.2							
	STD	00300	16.23	36.12	26.57	00.615	1517.5							
	OBS	00300	16.23	36.12	26.57		1517.5							
	STD	00330	15.22	35.92	26.65		1514.6							
	OBS	00330	15.22	35.92	26.65		1514.6							
	STD	00351	15.36	36.30	26.68		1515.5							
	OBS	00351	15.36	36.30	26.68		1515.5							
	STD	00363	15.02	35.93	26.70		1514.5							
	OBS	00363	15.02	35.93	26.70		1514.5							
	STD	00400	14.18	35.72	26.72	00.766	1512.2							
	OBS	00400	14.18	35.72	26.72		1512.2							
	STD	00425	13.93	35.74	26.79		1511.8							
	OBS	00425	13.93	35.74	26.79		1511.8							
	STD	00460	12.50	35.58	26.96	00.900	1508.1							
	OBS	00460	12.50	35.58	26.96		1508.1							
	STD	00500	10.54	35.28	27.09	01.017	1502.5							
	OBS	00500	10.54	35.28	27.09		1502.5							
	STD	00600	09.77	35.16	27.14		1500.1							
	OBS	00600	09.77	35.16	27.14		1500.1							
	STD	00700	08.58	35.13	27.31	01.116	1496.4							
	OBS	00700	08.58	35.13	27.31		1496.4							
	STD	00742	07.73	35.05	27.37		1494.2							
	OBS	00742	07.73	35.05	27.37		1494.2							
	STD	00771	07.11	35.00	27.42		1492.2							
	OBS	00771	07.11	35.00	27.42		1492.2							
	STD	00800	06.66	35.01	27.49	01.200	1490.9							
	OBS	00800	06.66	35.01	27.49		1490.9							
	STD	00835	06.09	34.97	27.54		1489.2							
	OBS	00835	06.09	34.97	27.54		1489.2							
	STD	00900	05.63	35.05	27.62	01.267	1489.7							
	OBS	00900	05.63	35.05	27.62		1489.7							
	STD	00943	05.57	35.01	27.64		1488.9							
	OBS	00943	05.57	35.01	27.64		1488.9							
	STD	01000	05.31	35.03	27.68	01.324	1488.8							
	OBS	01000	05.31	35.03	27.68		1488.8							
	STD	01100	04.66	35.01	27.72	01.577	1488.7							
	OBS	01100	04.66	35.01	27.72		1488.7							
	STD	01200	04.70	35.00	27.73	01.428	1489.6							
	OBS	01200	04.70	35.00	27.73		1489.6							
	STD	01300	04.52	35.00	27.75	01.478	1490.6							
	OBS	01300	04.52	35.00	27.75		1490.6							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

NOOC STATION DATA

REFID 31	RESJ	YEAR 1973	80TOP J5244	AIR TEMP 21.1	OIR MG7 PER	WIND-OTR 30	INST STO RECORDER	TEN 10 1207
CONSEC	0313	MONTH 12	SHIP HT	MET SUL 17.8	25 3 4	WIND-SPD 10	TRACE DIR 0	5 SQUARE 3
LAT 37 30 N	DAY 02	MOOR 15.2	DATA USE 1	BAROMETER 1011.2	SEA	WIND-FOR	DURATION	2 SQUARE 60
LONG 050 20 W			AREA 05	CLOUD T/A	CL/TR	WEATHER 11	ORIG_ A4 025	1 SQUARE 70

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OATG	P34	TOT P	NO2	NO3	S103	PH
15.2	STO	00000	20.78	36.37	25.61	00.000	1525.8							
	OBS	00000	20.78	36.37	25.61		1525.8							
	STO	00010	20.79	36.37	25.61	00.024	1526.0							
	OBS	00010	20.79	36.37	25.61		1526.0							
	STO	00020	20.78	36.37	25.61	00.046	1526.2							
	OBS	00020	20.78	36.37	25.61		1526.2							
	STO	00030	20.79	36.37	25.61	00.072	1526.4							
	OBS	00030	20.79	36.37	25.61		1526.4							
	STO	00050	20.78	36.38	25.62	00.120	1526.7							
	OBS	00050	20.78	36.38	25.62		1526.7							
	STO	00075	20.78	36.38	25.62	00.180	1527.1							
	OBS	00075	20.78	36.38	25.62		1527.1							
	STO	00100	20.66	36.37	25.65	00.239	1527.2							
	OBS	00100	20.66	36.37	25.65		1527.2							
	STO	00125	20.61	36.49	25.75	00.298	1527.6							
	OBS	00125	20.61	36.49	25.75		1527.6							
	STO	00150	19.88	36.49	25.95	00.353	1526.0							
	OBS	00150	19.88	36.49	25.95		1526.0							
	STO	00200	18.98	36.46	26.16	00.455	1524.3							
	OBS	00200	18.98	36.46	26.16		1524.3							
	STO	00250	18.29	36.44	26.32	00.548	1523.2							
	OBS	00250	18.29	36.44	26.32		1523.2							
	STO	00300	17.98	36.43	26.39	00.637	1523.1							
	OBS	00300	17.98	36.43	26.39		1523.1							
	STO	00360	17.66	36.42	26.46		1523.1							
	OBS	00360	17.66	36.42	26.46		1523.1							
	STO	00400	17.47	36.39	26.48	00.809	1523.2							
	OBS	00400	17.47	36.39	26.48		1523.2							
	STO	00500	16.77	36.28	26.57	00.976	1522.6							
	OBS	00500	16.77	36.28	26.57		1522.6							
	STO	00600	15.01	35.96	26.73	01.133	1518.5							
	OBS	00600	15.01	35.96	26.73		1518.5							
	STO	00700	13.23	35.67	26.88	01.277	1514.0							
	OBS	00700	13.23	35.67	26.88		1514.0							
	STO	00800	11.23	35.39	27.06	01.406	1508.4							
	OBS	00800	11.23	35.39	27.06		1508.4							
	STO	00900	08.58	35.11	27.29	01.514	1500.1							
	OBS	00900	08.58	35.11	27.29		1500.1							
	STO	01000	07.10	35.04	27.46	01.632	1496.0							
	OBS	01000	07.10	35.04	27.46		1496.0							
	STO	01100	05.83	35.02	27.61	01.874	1492.6							
	OBS	01100	05.83	35.02	27.61		1492.6							
	STO	01200	05.17	35.01	27.68	01.734	1491.6							
	OBS	01200	05.17	35.01	27.68		1491.6							
	STO	01300	04.90	35.00	27.71	01.785	1492.1							
	OBS	01300	04.90	35.00	27.71		1492.1							
	STO	01400	04.71	34.99	27.72	01.844	1493.0							
	OBS	01400	04.71	34.99	27.72		1493.0							
	STO	01500	04.49	34.99	27.75	01.856	1493.8							
	OBS	01500	04.49	34.99	27.75		1493.8							

TABLE XI. Observed oceanographic data occupied by USCGC HAMILTON (A4-29)
30 November-2 December 1973.—Continued

MOO C S I A T I O N O A T A

REFID 31 8550	YEAR 1973	BOTDP 05251	AIR TEMP 20.0	DIR HGT PER	WIND-DIR 27	INST S70 RECORDER	TEN SG 1201
CONSEC 0016	MONTH 12	SHIP HT	WET BULB 16.7	24 3 2	WIND-SPO 10	TRACE DIR 0	5 SQUARE 3
LAT 37 15 N	DAY 02	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FDR	DURATION	2 SQUARE 60
LONG 050 07 W	MOUR 18.5	AREA 05	CLOUD 7/A	CL/7A	WEATHER X1	DRIG A4 025	1 SQUARE 70

CASHTNUM/TIME	LVLTY P	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	PJ4	TOT P	MO2	MO3	S103	PM
18.9	S70	00000	20.44	36.32	25.67	00.000	1524.9							
	OBS	00000	20.44	36.32	25.67		1524.9							
	S70	00010	20.44	36.32	25.67	00.023	1525.0							
	OBS	00010	20.44	36.32	25.67		1525.0							
	S70	00020	20.44	36.32	25.67	00.047	1525.2							
	OBS	00020	20.44	36.32	25.67		1525.2							
	S70	00030	20.43	36.32	25.67	00.070	1525.3							
	OBS	00030	20.43	36.32	25.67		1525.3							
	S70	00050	20.41	36.32	25.68	00.117	1525.6							
	OBS	00050	20.41	36.32	25.68		1525.6							
	S70	00075	20.38	36.31	25.68	00.176	1525.9							
	OBS	00075	20.38	36.31	25.68		1525.9							
	S70	00100	20.14	36.33	25.76	00.234	1525.7							
	OBS	00100	20.14	36.33	25.76		1525.7							
	S70	00125	18.53	36.37	26.10	00.287	1522.8							
	OBS	00125	18.53	36.37	26.10		1522.8							
	S70	00150	18.45	36.37	26.23	00.334	1521.9							
	OBS	00150	18.45	36.37	26.23		1521.9							
	S70	00200	17.97	36.35	26.33	00.425	1521.3							
	OBS	00200	17.97	36.35	26.33		1521.3							
	S70	00250	17.71	36.34	26.39	00.513	1521.4							
	OBS	00250	17.71	36.34	26.39		1521.4							
	S70	00300	17.43	36.30	26.42	00.599	1521.3							
	OBS	00300	17.43	36.30	26.42		1521.3							
	S70	00400	16.86	36.24	26.52	00.768	1521.2							
	OBS	00400	16.86	36.24	26.52		1521.2							
	S70	00500	15.75	36.06	26.64	00.929	1519.2							
	OBS	00500	15.75	36.06	26.64		1519.2							
	S70	00600	14.71	35.93	26.77	01.080	1517.5							
	OBS	00600	14.71	35.93	26.77		1517.5							
	S70	00700	13.16	35.69	26.91	01.221	1513.8							
	OBS	00700	13.16	35.69	26.91		1513.8							
	S70	00800	10.92	35.37	27.10	01.346	1507.3							
	OBS	00800	10.92	35.37	27.10		1507.3							
	S70	00900	09.35	35.21	27.24	01.455	1503.1							
	OBS	00900	09.35	35.21	27.24		1503.1							
	S70	01000	07.67	35.11	27.43	01.548	1498.3							
	OBS	01000	07.67	35.11	27.43		1498.3							
	S70	01100	06.04	35.05	27.61	01.622	1493.5							
	OBS	01100	06.04	35.05	27.61		1493.5							
	S70	01200	05.47	35.05	27.68	01.683	1492.8							
	OBS	01200	05.47	35.05	27.68		1492.8							
	S70	01300	05.01	35.03	27.72	01.739	1492.6							
	OBS	01300	05.01	35.03	27.72		1492.6							
	S70	01400	04.74	35.00	27.73	01.792	1493.1							
	OBS	01400	04.74	35.00	27.73		1493.1							
	S70	01500	04.58	34.99	27.74	01.845	1494.2							
	OBS	01500	04.58	34.99	27.74		1494.2							
	S70	01750	04.19	34.98	27.77	01.975	1496.7							
	OBS	01750	04.19	34.98	27.77		1496.7							
	S70	02000	03.55	34.97	27.79	02.102	1500.0							
	OBS	02000	03.55	34.97	27.79		1500.0							
	S70	02500	03.51	34.97	27.83	02.347	1506.6							
	OBS	02500	03.51	34.97	27.83		1506.6							
	S70	03000	03.14	34.96	27.86	02.584	1513.7							
	OBS	03000	03.14	34.96	27.86		1513.7							

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